

Table of Contents

1 INTRODUCTION

1.1	Introduction	3
1.2	Contact Us	5
1.3	Putzmeister Advantage Rewards	7
1.4	Webshop & Merchandise	8

2 BOOM PUMP

2.1	Wear Parts by Kit	9
2.2	Wear Parts by Hopper Type	10
2.3	S-Valve Bearing Seal Kit	11
2.4	Shift Cylinder Seal Kit	11
2.5	Seal Kit	12
2.6	Bearing Flange Assembly Kit 60mm	13
2.7	Bearing Flange Assembly Kit 50mm	13
2.8	Outlet Bearing Housing Assembly	13
2.9	Hopper Parts	14
2.10	Mixer Shaft	15
2.11	Agitator Paddle	15
2.12	Directional Control Valves	15
2.13	S-Valve Accessories	16
2.14	Delivery/Material Cylinder	17
2.15	Plunger Cylinder	17
2.16	Drive Cylinder	17
2.17	Hydraulic Pumps	18
2.18	Hydraulic Motors	19
2.19	Hydraulic Accumulator	19
2.20	Piston	20
2.21	Filter	21
2.22	Digital Pipe Wall-Thickness Measuring Device	21
2.23	Gauge and Hose Kit	21
2.24	EQV End Hose Shutoff Valve	22
2.25	Outtrigger Pads	22
2.26	Replacement Parts	22
2.27	Hose Accessories	22
2.28	Catch Basket	23
2.29	Boom Straps	23
2.30	End Hose Safety Straps	23
2.31	Toolbox	24
2.32	Rubber Buffer	25
2.33	Cleaning Material	26
2.34	Grease Fitting	26
2.35	Water Boxes	27
2.36	Water Tank	27
2.37	Oil Cooler Accessories	27
2.38	Thermometer	27
2.39	Working Light	28
2.40	Light Bulbs	28
2.41	Swing-Out Steps	28
2.42	Splash Guard Parts	28
2.43	Relays for Control Box	29
2.44	Diodes for Control Box	29
2.45	Control Lamps for Control Box	29
2.46	Fuel Caps	29
2.47	Radio Remote Transmitter for Radio System Types 727-735 AFM — 590940	30
2.48	24V Non-EGD Radio Remote Parts for Radio System Type 727 — A602302	32
2.49	HBC Radio Receiver for Radio System Types 727–735	34
2.50	Radio Remote Accessories — Applicable for all 727 and 735 Radio System Types	36

3 SHIP-AWAY KIT – LARGE LINE

3.1	Ship-Away Kit for City Pumps (A512510)	37
3.2	Ship-Away Kit for Boom Pump Units	38

4 PROPART™

4.1	Bolts/Bearings	39
4.2	Sealings Rings/Clamps	39
4.3	Agitator	39
4.4	Bushings/Seals	40
4.5	Hopper Components	40
4.6	Filters	40
4.7	Piston Rams	41
4.8	Adapt-a-ram	41
4.9	Pistons	41
4.10	Wear Parts	42
4.11	Spectacle Wear Plates/Wear Rings	42
4.12	Carbide Wear Parts	43
4.13	Accessories	43
4.14	Water Pump	43

5 TELEBELT®

5.1	Belts	45
5.2	Filter	46
5.3	Hopper Assembly	46
5.4	Skirts	47
5.5	Rollers	48
5.6	Scraper	49
5.7	Boom Control Hydraulic Block	50
5.8	Reducers	50
5.9	Wire Ropes and Cables	51
5.10	Hydraulic Cylinders	51
5.11	Hydraulic Jack Set	52
5.12	Male and Female Guide Blocks	52
5.13	Seal Kits	53
5.14	Lamps and Sirens	53
5.15	Outtrigger Pads	53
5.16	HBC for Telebelt TB Radio Remote 12V 2.4GHZ (A602300)and TBS Radio Remote 24V 2.4GHZ (A602301), Radio System Type 727 Receiver for Telebelt Radio TB Remote 12V 2.4GHZ (A602300)and TBS Radio Remote 24V 2.4GHZ (A602301), Radio System Type 727	54
5.17	Radio HBC Telebelt Remote (A053085) Radio System Type 735 Receiver for Telebelt Radio Remote (A053085), Radio System Type 735	56
5.18	Radio Remote Accessories for Telebelt Radios Applicable for all 727 and 735 System Types	58
5.19		60
5.20		62

6 SHIP-AWAY KIT – TELEBELT®

6.1	Ship-Away Kit for all Telebelt Models	63
-----	---------------------------------------	----

7 PLACING BOOM

7.1	Radio Remote Control (A602309) for Placing Booms, Current Production 4 Arm, Radio System Type 727	66
7.2	Receiver (A602309) for Placing Booms with Radio System Type 727	68
7.3	Ergo Transmitter (437088) for Placing Booms with Radio System Type 735	70
7.4	Radio Remote Receiver Parts (437088) for Radio System Type 735	72
7.5	Radio Remote Accessories – Applicable for all 735 and 727 Radio System Types	73

Table of Contents

8 BSA TRAILER PUMP

8.1	BSA 100 Parts	76
8.2	BSA 120 Parts	78
8.3	BSA 2109H-D Parts	80
8.4	BSA 2110HP-D Parts	82
8.5	BSA 14000HP Parts	84

9 REFERENCE MATERIAL

9.1	Service School	87
9.2	Steady End Hose	88
9.3	EQV End Hose Shutoff Valve	89
9.4	End Hose Accessories	90
9.5	End Hose Protective Bell and Pin Pour	91
9.6	Safety Net for Suspended Hoses	92
9.7	Spectacle Wear Plates	93
9.8	Tricks of the Trade	96
9.9	Test Lights and Bad Grounds	97
9.10	Filter Maintenance	98
9.11	Water Box Do's and Don'ts	100
9.12	Battery Care Tips	101
9.13	Ergonic® Graphic Display (EGD) Remote Control	102
9.14	Ergonic® Graphic Display (EGD)	103
9.15	General Tightening Torques	104
9.16	Replacing Hydraulic Hoses	105

10 FORMS

10.1	Order Form	107
10.2	Warranty Claim Form	109
10.3	Return Material Authorization (RMA) Form	111
10.4	Parts Return Policy	112

1.1 Introduction

PUTZMEISTER AMERICA

Specializing in concrete and material placing equipment for the construction industry, Putzmeister America, Inc. is the North American division of one of the world's most recognized and respected heavy equipment manufacturers, Putzmeister Concrete Pumps GmbH. We are committed to product quality, innovation, and service excellence — hallmarks of our parent company.

With signature craftsmanship, we manufacture a complete line of truck-mounted concrete boom pumps, separate placing booms, truck-mounted telescopic belt conveyors, and trailer-mounted concrete pumps, as well as mortar, grout, shotcrete, plaster and fireproofing pumps and mixers, industrial pumps, tunneling machinery and pipeline systems.

Additionally, Putzmeister provides a vast inventory of quality parts, a wide selection of pre-owned equipment, and a dedicated support network to keep our customers up and running at all times. From project inception to completion, you can count on Putzmeister for superior equipment, affordable solutions, durable parts and dedicated service. It's not just a promise - it's proven.

In 1998, Putzmeister set a new standard in the concrete placing industry with the highest ISO certification awarded in North America. Just eight years later, we were the very first manufacturer to achieve CPMA certification for our entire line of boom pumps and boom placing systems. Today, as members and leaders of various industry organizations, we proudly enjoy an authentic reputation as we continue to lead the way in quality.

At the end of the day, our goal is to put the world's best equipment on your job site, with the industry's most dependable support. It's the kind of commitment that will help you Perform at a Higher Level.

PUTZMEISTER AMERICA, INC.

1733 90th Street
Sturtevant, WI 53177 USA

PHONE	(262) 886-3200
TOLL-FREE	(800) 884-7210
FAX	(262) 884-6338
WEB	PutzmeisterAmerica.com
EMAIL	pmr@putzam.com

CUSTOMER SUPPORT GROUP

PHONE	(262) 886-3200
TOLL-FREE	(800) 890-0269
FAX	(262) 884-7259
EMAIL	PartsOrders@putzam.com

UPDATES

To have updates sent to you, please send your mailing address and email address to **pmr@putzam.com**.



WEST COAST CUSTOMER SUPPORT CENTER

13000 Arctic Circle
Santa Fe Springs, CA 90670 USA

TOLL-FREE (800) 581-3245
FAX (562) 229-1713

The Putzmeister West Coast Customer Support Center is a full service center specializing in parts. The facility also serves as the main Customer Support Center for the West Coast.



PUTZMEISTER HOUSTON

121 Genadena St.
Houston, TX 77034

PHONE (713) 589-8781
TOLL-FREE (866) 297-8965

The Putzmeister Houston facility serves as a parts center for all products. The plant is also a Pro-Tech used equipment center, refurbishing used Boom Pump and Telebelt equipment.



PUTZMEISTER BRAZIL

Estrada Municipal do Mingú
1407 - Parque Rio Abaixo
Atibaia, SP Brazil, 12952-720

PHONE +55 (114) 416-6200

Putzmeister Brazil Ltda, a subsidiary of Putzmeister America, provides new equipment, spare parts, after sales support and operator and maintenance training, as well as refurbishment services of customer-owned equipment.



1.2 Contact Us

PUTZMEISTER PARTS AND PIPE SALES



ERIC ZIMMERMANN
Director of Parts Sales
and Pipe Technology®

Phone (262) 884-6296
Cell (281) 723-3145
zimmermanne@putzam.com

NORTH AMERICA

BRIAN NIELSEN
Business Manager —
Parts Sales North America

Phone (262) 884-6339
Cell (262) 770-0072
nielsenb@putzam.com

JORGE REZA
West Coast Branch Manager

Cell (262) 770-0454
rezaj@putzam.com

LERON GETER
Parts Sales Representative

Phone (262) 884-6292
Cell (262) 664-5643
geterl@putzam.com

EDUARDO GUIDOS
Parts Sales Representative

Phone (262) 884-6285
Cell (262) 770-0345
guidose@putzam.com

JIM NELSON
Parts Sales Representative

Phone (262) 884-6288
Cell (262) 770-0323
nelsonj@putzam.com

KEITH WALL
Parts Sales Representative

Phone (262) 884-6305
Cell (262) 770-0406
wallk@putzam.com

JEREMEY ZAMECNIK
Parts Sales Representative

Phone (262) 884-6395
Cell (262) 822-7851
zamecnikj@putzam.com

GUY HALL
Parts Sales Representative

Phone (262) 884-6280
Cell (262) 939-0996
hallg@putzam.com

MADELINE HELWIG
Midwest Sales Representative —
Parts and Pipes

Cell (262) 497-6814
helwigm@putzam.com

WAYNE ALLEN
Southeast Sales Representative
— Parts and Pipes

Phone (972) 881-7502
Cell (817) 291-6544
allenw@putzam.com

DRUE MARTINEZ
West Coast Sales Representative
— Parts and Pipes

Cell (346) 302-3156
martinezd@putzam.com

LATIN AMERICA AND THE CARIBBEAN

VALENTIN TORRES
Associate Part Sales Manager —
Mexico

Phone (262) 884-6324
Cell (262) 930-3873
torresv@putzam.com

RAMONA MARCHAN
Parts Sales Representative

Phone (262) 884-6343
marchanr@putzam.com

DAN BARAJAS
Parts Sales Representative

Phone (262) 884-6287
Cell (262) 902-6580
barajasd@putzam.com

BRENDA VELAZQUEZ
Parts Administrative Assistant

Phone (262) 884-6286
velazquezb@putzam.com

PIPE TECHNOLOGY®

TIM HARMANN
Key Account Manager

Phone (262) 884-6388
Cell (262) 770-0459
harmannt@putzam.com

JULIE APPENZELLER
Sales Administration
and Production Control

Phone (262) 884-6340
Cell (262) 631-9130
appenzelle@putzam.com

SHIPPING

AARON COOK
Shipping and
Logistics Manager

Phone (262) 884-6248
Cell (262) 939-0211
cooka@putzam.com

JOHN LUX
Shipping Supervisor

Phone (262) 884-3054
Cell (262) 664-3339
luxj@putzam.com

RETURNS

RAMONA MARCHAN
Parts Sales Representative

Phone (262) 884-6343
returns@putzam.com

FOR PARTS ORDERS EMAIL: PARTSORDERS@PUTZAM.COM

1.2 Contact Us

PUTZMEISTER SERVICE & TECHNICAL SUPPORT (PSS)



DOUG BRUNET
Director of Service
and Technical Support

Phone (262) 884-6262
Cell (262) 770-0077
brunetd@putzam.com

GREG GIESE Manager — Technical Service and Warranty Administration

Phone (262) 884-6321
Cell (262) 631-9139
gieseg@putzam.com

ALAN WOODS Training and Technical Services Manager

Cell (360) 600-5695
woods@putzam.com

SCOTT ZAMECNIK Field Services Technical Support Manager

Phone (262) 884-6230
Cell (262) 770-0278
zamecniks@putzam.com

NOAH CALLANTINE Technical Services Manager

Cell (610) 392-6217
callantinen@putzam.com

JOAQUIN ZAMORA Technical Services Manager

Phone (310) 618-9629
Cell (310) 850-0449
zamoraj@putzam.com

KEVIN BROST Technical Services Representative

Cell (262) 497-3726
brostk@putzam.com

TOM CRISP Technical Services Representative

Cell (262) 664-5327
crispt@putzam.com

CARL MICHELSON Technical Services Representative

Cell (262) 939-0710
michelsonc@putzam.com

NICK JOHNSON Technical Services Engineer

Phone (262) 884-6209
Cell (610) 401-5083
johnsonn@putzam.com

PRO-TECH/ MIDWEST REPAIR

LEE ARQUETTE Service Manager

Phone (262) 884-6204
Cell (262) 770-0788
arquettel@putzam.com

WARRANTY

ANDREW NOONAN Warranty Administrator

Phone (262) 884-6347
Cell (262) 664-1849
noonana@putzam.com

HOTLINES

24/7 PUTZMEISTER SUPPORT

(800) 890-0296

MACK TRUCK SUPPORT

(877) 893-3007

1.3 Putzmeister Advantage Rewards

Putzmeister has always appreciated repeat business. Since no one is more deserving of a break than our loyal customers, we're pleased to offer the Putzmeister Advantage Rewards program.

Here's how it works: As a member, you'll not only enjoy substantial savings on genuine Putzmeister parts, but with every qualifying purchase of parts, accessories and pipe systems you'll earn rewards points that can be used for savings on future purchases.

Both customers and distributors can earn points, and there are two levels of membership - Select and Premier. Check the overview below to see which program works best with your purchasing budget. You can also contact the factory for more information on the program.

You can join at any point in the year, but you must re-up in the first quarter of the following year to maintain membership. Regardless of which membership you choose, the Putzmeister Advantage Rewards program will help you get the savings you deserve for being a loyal customer.

Weldment orders not eligible.



SELECT ADVANTAGE REWARDS MEMBERSHIP

A single minimum \$5,000 order of Putzmeister genuine parts, Pipe Technology delivery systems or accessories for delivery and invoicing in the current year qualifies for membership at the Select Advantage Rewards level.

SELECT ADVANTAGE REWARDS BENEFITS

- Rewards points for every dollar spent, which can be used toward the purchase price of any future parts order
- Eligibility for special members-only promotions
- Free paint, when applicable

*** Annual renewal requires parts orders totaling \$5,000 or more the first quarter of each year.**

PREMIER ADVANTAGE REWARDS MEMBERSHIP

A single minimum \$20,000 order of Putzmeister genuine parts, Pipe Technology delivery systems or accessories for delivery and invoicing in the current year qualifies for membership at the Premier Advantage Rewards level.

PREMIER ADVANTAGE REWARDS BENEFITS

- Rewards points for every dollar spent, which can be used toward the purchase price of any future parts order
- Priority attention on parts orders
- Eligibility for special members-only promotions
- Free domestic ground shipping or discounts on international economy shipping on stock pipe orders. *Some exclusions apply.*
- Free paint, when applicable

*** Annual renewal requires one single order totaling \$20,000 or more the first quarter of each year.**

HERE'S HOW PUTZPOINTS REWARDS ADD UP

Automatically, every quarter, points will be totaled and the corresponding dollar value coupon will be sent out. These coupons will be valid for 90-days.

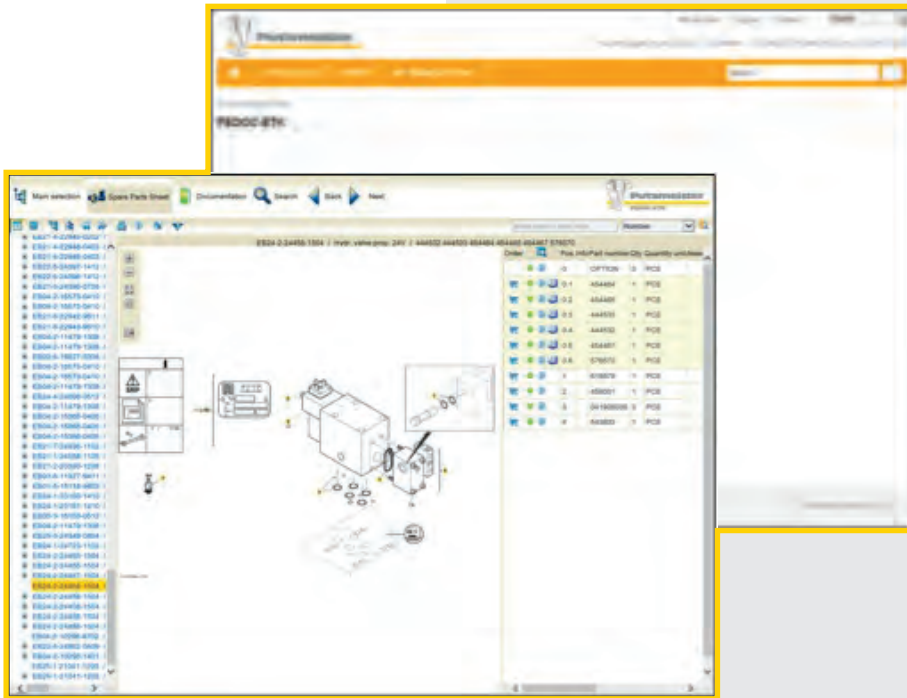
SELECT POINTS LEVELS

Dollars Spent	Points Earned	Dollars Earned
\$1,000	150	\$15
\$5,000	750	\$75
\$10,000	1500	\$150
\$15,000	2250	\$225

PREMIER POINTS LEVELS

Dollars Spent	Points Earned	Dollars Earned
\$20,000	6,000	\$600
\$25,000	7,500	\$750
\$30,000	9,000	\$900
\$35,000	10,500	\$1,050
\$40,000	12,000	\$1,200
\$45,000	13,500	\$1,350
\$50,000	15,000	\$1,500

1.4 Webshop & Merchandise



WEBSHOP IS AN EXCLUSIVE SERVICE FOR PUTZMEISTER CUSTOMERS.

Order Genuine Putzmeister Parts on the Internet

Parts Online Means Parts on Time. Putzmeister offers longer-lasting, better performing parts made for the tough conditions you find on your jobs.

On-time parts delivery means greater savings and less downtime for you.

All supplies of spare parts are made on the basis of our conditions of sale and supply.

<https://shop.Putzmeister.com>

24 Hour Toll Free Emergency Parts and Service Hotline (800) 890-0269



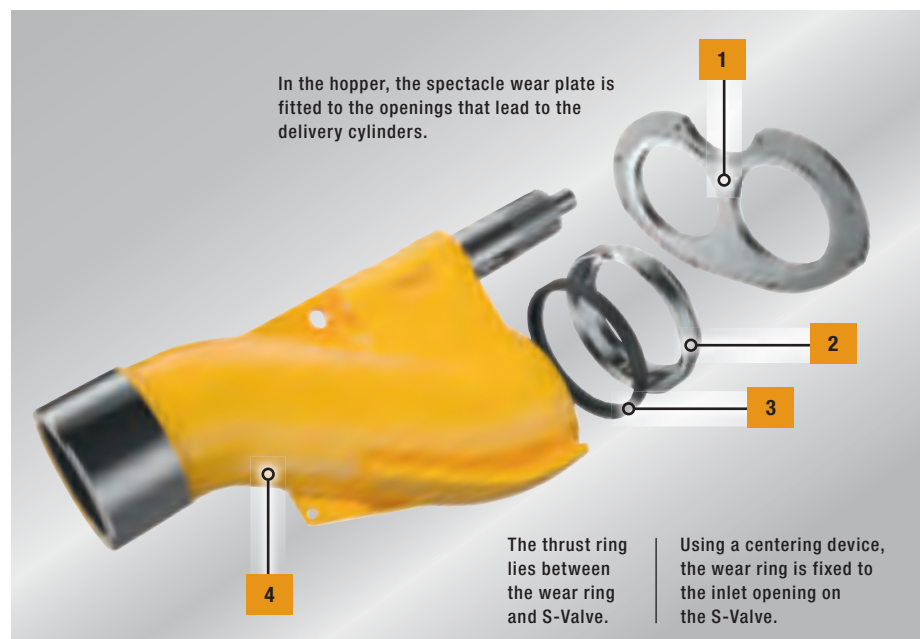
WELCOME TO THE PUTZMEISTER MERCHANDISE WEBSHOP

Clothing and other articles available under **www.PutzmeisterAmerica.com**

2 Boom Pump

2.1 WEAR PARTS BY KIT

Item	Description	Part Number
Version Standard — Hard Faced	905 Kit	A050021K
Spectacle Wear Plate	DURO22	229488005
Wear Ring	DURO22	251031006
Thrust Ring	Ø 200 NBR	252898002
Version Carbide	905 Kit	A050022K
Spectacle Wear Plate	ND200/260 Hard Metal	485385
Wear Ring		531240
Thrust Ring	Ø 200 NBR	252898002
Clamping Plate		275608004
Version Standard	907 Kit	A050023K
Spectacle Wear Plate	DURO22	261122002
Wear Ring	Big Mouth Cutting Ring, DURO22	261123001
Thrust Ring	Ø 230	458878
Version Carbide	907 Kit	A050024K
Spectacle Wear Plate		531499
Wear Ring	Big Mouth Cutting Ring, Ø 230	494520
Thrust Ring		458878
Wear Insert for Ring		271070005
905 Carbide w/ 2318 Version		A050025K
Wear Ring	Big Mouth Cutting Ring, Ø 230	494520
Thrust Ring	Big Mouth Thrust Ring, Ø 230	458878
Wear Insert for Ring		271070005
Fixing Plate		263728006



1. Spectacle Wear Plate
2. Wear Ring
3. Thrust Ring
4. S-Valve



2.2 WEAR PARTS BY HOPPER TYPE

Item	Description	Part Number
Hopper RS 600		
Thrust Ring	NBR, mounted without Spacer Disc	249304004
Wear Ring	Duro 11 and Duro 22	251231000
Wear Ring	Hard Metal	509425
Spectacle Wear Plate	Duro 11, 180mm x 260mm	087722000
Spectacle Wear Plate	Duro 11, 200mm x 260mm	229488005
Spectacle Wear Plate	Duro 22	234559000
Hopper RS 905 — Small Mouth		
Thrust Ring	NBR, mounted without Spacer Disc	252898002
Wear Ring	Duro 11 and Duro 22	251031006
Alternative: Wear Ring		A536577
Wear Ring	Hard Metal	531240
Spectacle Wear Plate	Duro 11, 180mm x 260mm	087722000
Spectacle Wear Plate	Duro 11, 200mm x 260mm	229488005
Spectacle Wear Plate	Duro 22	229488005
Alternative: Spectacle Wear Plate	Duro 22	A536576
Hopper RS 907 — Large Mouth		
Thrust Ring	NBR, mounted without Spacer Disc	458878
Wear Ring	Duro 11 and Duro 22	261123001
Alternative: Wear Ring		A536579
Wear Ring	Hard Metal	494520
Spectacle Wear Plate	Duro 22, Hole pattern 540, Gray	261122002
Alternative: Spectacle Wear Plate	Duro 22, Hole pattern 540	A536578
Spectacle Wear Plate	Duro 22, Hole pattern 570, White	406927
Hopper RS 909		
Thrust Ring	NBR, mounted without Spacer Disc	458878
Wear Ring	Duro 11 and Duro 22	261123001
Alternative: Wear Ring		A536579
Wear Ring	Hard Metal	494520
Spectacle Wear Plate	Duro 22, Hole pattern 540, Gray	519314

2 Boom Pump

2.3 S-VALVE BEARING SEAL KIT

Item	Description	Part Number
S-Valve Bearing Seal Kit		A240390004SK
Wiper Ring	220mm x 240mm x 8mm	437267
O-Ring	220mm x 10mm NBR70	043520000
Guide Band	220mm x 225mm x 24.5mm	295355007
Lip Seal Ring	220mm x 240mm x 15mm	247565007
Seal Ring/Cast Elbow	232mm x 185mm x 20mm	240421009



2.4 SHIFT CYLINDER SEAL KIT

Item	Description	Part Number
Shift Cylinder Seal Kit		A262840008SK
Guide Ring	60mm x 65mm x 9.5mm	261706004
Wiper Ring	60mm x 68mm x 7mm P38	065344002
Lip Seal Ring	60mm x 70mm x 12mm	065345001
Support Ring SRI	60mm x 5.1mm x 1.5mm	065346000
Turcon-Glyd-Ring	60mm x 75.1mm x 6.3mm	238863006
Guide Ring	60mm x 65mm x 8.5mm	238859007
O-Ring	64mm x 7mm NBR70	238865004
Guide Ring	60mm x 65mm x 25mm	261707003



2 Boom Pump



2.5 SEAL KIT

Item	Description	Part Number
Seal Kit	Boom MBC-Valve, Viton	471710
Seal Kit	Boom MBC-Valve, Input Module	471709
Seal Kit	Mounted KIT, Gearbox G64	454165
Seal Kit	Boom HP-Filter Housing	458105
Seal Kit	Hydraulic Accumulator Hydac 311945	A025009
Seal Kit	Hydraulic Accumulator 4.0 L	AT311838
Seal Kit	Drive Cylinder 80mm x 100mm x 40mm	024160007
Seal Kit	Drive Cylinder 140mm x 160mm x 40mm	233277008
Seal Kit	Hydraulic Pump A10V25/28 (used on 067370003)	050391002
Seal Kit	Hydraulic Cylinder E160mm/60mm	084239004
Seal Kit	Hydraulic Cylinder 140mm/120mm, 900mm/120mm, 800mm/120mm	086877008
Seal Kit	Hydraulic Cylinder D125mm/80mm	235526003
Seal Kit	Hydraulic Cylinder D165mm/90mm	269807002
Seal Kit	Hydraulic Cylinder D225mm/125mm	230245004
Seal Kit	Hydraulic Cylinder D180mm/105mm	289450002
Seal Kit	Hydraulic Cylinder D180mm/125mm	257889003
Seal Kit	Hydraulic Cylinder D150mm/105mm	261568006
Seal Kit	Hydraulic Cylinder D200mm/125mm	276997002
Seal Kit	Cylinder A,Z 1043	089079007
Seal Kit	Hydraulic Cylinder D180mm/125mm	277411008
Seal Kit	Hydraulic Motor 530 A58 27	502156
Seal Kit	Hydraulic Motor B159, 60MR	067480003
Seal Kit	Hydraulic Agitator Motor OMH400/OMH500	239696007
Seal Kit	Hydraulic Agitator Motor BRH B470	A585985

2 Boom Pump

2.6 BEARING FLANGE ASSEMBLY KIT 60MM

Item	Description	Part Number
Bearing Assembly Kit 60mm		242572008
Flange Bearing Hub	D60 with Groove	242573007
Alternative: Flange Bearing Hub	D60 with Groove	A538519
Rubber Disc	140mm x 56mm x 8mm	242574006
Bushing	60mm x 65mm x 40mm DU-B	222484006
O-Ring	60mm x 4mm DIN3771	043909003
Fitting		A312549



2.7 BEARING FLANGE ASSEMBLY KIT 50MM

Item	Description	Part Number
Bearing Assembly Kit 50mm		221547009
O-Ring	50mm x 5mm	043503001
Rubber Disc	50mm	084013000
Bushing	50mm, Plastic	235087005
Flange Bearing	D50 with Groove	202357001
Screw Plug	M10 x 1	042093004
Seal Ring	10.70mm x 16mm x 1.5mm	041361009



2.8 OUTLET BEARING HOUSING ASSEMBLY

Item	Description	Part Number
Bearing Assembly		AT248433002K
S-Valve Bearing Housing	D220/270 for S2018	240620004
Wiper Ring	220mm x 240mm x 8mm	437267
O-Ring	220mm x 10mm NBR70	043520000
O-Ring	210mm x 8mm DIN3771 NBR70	041466001
Guide Band	220mm x 225mm x 24.5mm	295355007
Lip Seal Ring	220mm x 240mm x 15mm	247565007
Lip Seal Ring	70mm x 95mm x 18.7mm	015223005



2 Boom Pump



2.9 HOPPER PARTS

Item	Description	Part Number
RS 905, RS 905A, RS 907A and RS 907 Hopper		
Hopper Lid Aluminum		292489002
Bottom Part, Hopper Cover		412052
Rubber Collar	RS 905 H=145 L=2670	412050
Hopper Grate	60mm lightweight	419553
Hopper Wedge Repair Slug		A092052
Mixing Paddle	LH with hardface	406795
Mixing Paddle	RH with hardface	406796
Bearing Assembly Mixer Shaft		221547009
Rubber Buffer	25mm x 17mm	066961002
Torque Support		258034006
Splash Guard Rubber		245991000
Hopper Door		242334000
RS 905, RS 905A, RS 907A, RS 907 and RS 909 Hopper		
Hopper Lid Plastic	Lid only	443920
Rubber Buffer for Hopper Grate		432235
Mixer Shaft End		275587002
Alternative: Mixer Shaft End		A538520
Mixing Paddle	LH, Standard	441540
Mixing Paddle	RH, Standard	441541
RS 909 Hopper		
Hopper Lid with Bearing Complete		520156
Holder for Hopper Lid		518885
Hopper Grate Welded		A596974
Holder for Lid Splash Guard		518882
Hopper Door		501457
For all Hopper Models		
Horn for Hopper Alarm		A052338
Hopper Light	2-Wire, 12V, 35W	A052940

2 Boom Pump

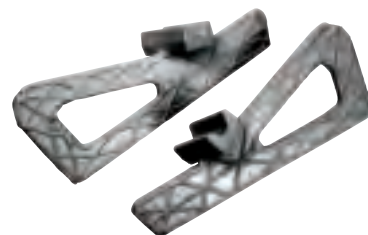
2.10 MIXER SHAFT

Item	Description	Part Number
Mixer Shaft Center	Shaft Size 60mm, Used on RS 905, RS 905A and RS 907 Hopper	243189005
Mixer Shaft	Center Part, Shaft Size 60mm, Used on RS 905, RS 905A, RS 907, RS 907A and RS 909 Hopper	264020004
Mixer Shaft End	Shaft Size 50mm, Used on 904/905 Hopper or older Units	238340008
Mixer Shaft End	Motor Side, Exterior Part, Shaft Size 60mm, Used on RS 905, RS 905A, RS 907, RS 907A and RS 909 Hopper	275587002
Alternative: Mixer Shaft End	Motor Side, Exterior Part, Shaft Size 60mm, Used on RS905, RS905A, RS907, RS907A and RS909 Hopper	A538520
Mixer Shaft End	Non-Motor Side, Only necessary on one end, Shaft Size 60mm, used on RS 909 Hopper	539806



2.11 AGITATOR PADDLE

Item	Description	Part Number
Left Hand Side	Hard-faced. Used on all Hopper Models	406795
Right Hand Side	Hard-faced. Used on all Hopper Models	406796
Left Hand Side	Used on all Hopper Models	441540
Right Hand Side	Used on all Hopper Models	441541



2.12 DIRECTIONAL CONTROL VALVES

Item	Description	Part Number
4/3-Way Valve NG6	Used on FFH-Control , FFH-Drive Cylinders, Agitator Control, 350 bar, 24V	557262
4/3-Way Valve NG6	Used on FFH-Control, 350 bar, 12V	557263
4/2-Way Valve NG6	Used on FFH-Control, 24V	067344000
4/2-Way Valve NG6	Used on FFH-Control, 12V	067345009
4/2-Way Valve NG6	Used on Hydraulic Control and Agitator Control, 350 bar, 24V	063101001
4/2-Way Valve NG10	Used on FFH-Control, 12V	A605866
4/2-Way Valve NG10	Usen on FFH-Control, 320 bar, 24V	580765
2/2-Way Valve	Used on Rear Outriggers, 320 bar	230875005
3/2-Way Valve Pneumatic	Used on Pneumatic Elements with 12V	063636000
3/2-Way Valve Pneumatic	Used on Pneumatic Elements with 24V	063635001



2 Boom Pump



2.13 S-VALVE ACCESSORIES

Item	Description	Part Number
S-Valve S2015 Standard	8" - 6"	251018003
S-Valve S2015DN Heavy Duty	8" - 6"	251341000
S-Valve S2018N	8" - 7"	406926
Alternative: S-Valve S2018N	8" - 7"	A536572
S-Valve S2318	9" - 7"	434023
Alternative: S-Valve S2318	9" - 7"	A536574
S-Valve S1512	6" - 5"	430336
S-Valve S2015DP	8" - 6"	513375
S-Valve S2018P9	8" - 7"	464544
S-Valve S2018VN	8" - 7"	252401004
S-Valve S2018VPN	8" - 7"	252406009
S-Valve S2318VP	9" - 7"	404625
S-Valve Bearing	D220mm/270mm	576811
S-Valve Bearing for S2018	D220mm/270mm	240620004
S-Valve Shaft Bearing	For Shaft D90mm	464950
S-Valve Shaft Bearing	D90mm Conical	519127
S-Valve Shaft Bearing with Wear Sleeve	D90mm	274893001
Alternative: S-Valve Shaft Bearing with Wear Sleeve	D90mm	A538513
S-Valve Shaft Bearing	D80mm, G3	401783
Alternative: S-Valve Shaft Bearing	D80mm, G3	A538512
S-Valve Outlet Bearing	D165mm/210mm	410504
Switch Lever Shaft	D80mm	458733
Alternative: Switch Lever Shaft	D80mm	A538515
Switch Lever Shaft	D90mm	458703
Alternative: Switch Lever Shaft	D90mm	A538514
Ball Socket	D60mm/70mm x 38mm, Red	275694005
Rod Seals Set	D100mm, used for S-Valve Shaft Bearing D90mm	465473

D = Thick walled

P = Fully hard-faced internally

N = S-Valve without nose

V = Square shaft

2 Boom Pump

2.14 DELIVERY/MATERIAL CYLINDER

Item	Description	Part Number
230mm x 1400mm	For Enterprise Series Boom Pumps	261520002
230mm x 2100mm	28-, 32-, 36-, 42-, 47-, 56-, and 58-Meter Boom Pumps	239867001
Alternative: 230mm x 2100mm	28-, 32-, 36-, 42-, 47-, 56-, and 58-Meter Boom Pumps	A535395
280mm x 2100mm	For Every Boom Pump with .20H	231149002
Alternative: 280mm x 2100mm	For Every Boom Pump with .20H	A535396



2.15 PLUNGER CYLINDER

Item	Description	Part Number
Plunger Cylinder	160 x 60mm, Generation 8, used on Thom-Katts and Boom Pumps with RS 905 and RS 905A Hopper	262840008
Alternative: Plunger Cylinder	160 x 60mm, Generation 8, used on Thom-Katts and Boom Pumps with RS 905 and RS 905A Hopper	A538508
Plunger Cylinder	160 x 60mm, Generation 12, used on Boom Pumps with RS 909 Hopper	541668
Hydraulic Hose for Plunger Cylinder	4SP DN12 15L x 650	267187009
Hydraulic Hose for Plunger Cylinder	4SP DN12 15L x 600	016533008



2.16 DRIVE CYLINDER

Item	Description	Part Number
Drive Cylinder 2100-130/80mm G25/FFH-Block	For every .12L and .14H Boom Pump	479580
Drive Cylinder 2100-140/80mm Heavy G25/FFH-Block	For every .12H and .16H Boom Pump	510773
Proximity Switch	M12 X 1 10-32 VDC	270321001



2 Boom Pump



2.17 HYDRAULIC PUMPS

Item	Description	Part Number
Pump Cell .12L		
Main Pump	Hydraulic Pump R A4VG125HD W/SAE-B	266680002
Accumulator Pump	Hydraulic Pump R 13.0 A10V28(13)DR	067370003
Alternative: Accumulator Pump	Hydraulic Pump R 13.0 A10V28(13)DR	067370004
Agitator Pump	Hydraulic Pump R 14.0 HY/ZFS 11/14	235383000
Pump Cell .16L		
Main Pump	Front, Hydraulic Pump R A4VG125HD W/SAE-D	273904001
Main Pump	Rear, Hydraulic Pump R A4VG125HD W/SAE-B	266680002
Accumulator Pump	Hydraulic Pump R 13.0 A10V28(13)DR	067370003
Alternative: Accumulator Pump	Hydraulic Pump R 13.0 A10V28(13)DR	067370004
Agitator Pump	Hydraulic Pump R 14.0 HY/ZFS 11/14	235383000
Pump Cell .20H		
Main Pump	Front, Hydraulic Pump R A4VG180HD W/ SAE-E	266376002
Main Pump	Rear, Hydraulic Pump R A4VG180HD W/ SAE-B	264530002
Accumulator Pump	Hydraulic Pump R 13.0 A10V28(13)DR	067370003
Alternative: Accumulator Pump	Hydraulic Pump R 13.0 A10V28(13)DR	067370004
Agitator Pump	Hydraulic Pump R 14.0 HY/ZFS 11/14	235383000
Pump Cell .12H EPS		
Main Pump	Hydraulic Pump R A4VG145 BR40 SAE-A	561254
Accumulator Pump	Hydraulic Pump R 18 A10V018(13)DR BR53	527945
Agitator Pump	Hydraulic Pump R 11.0 SNP2/ 11D SC 06 REP G	290243004
Pump Cell .16H EPS		
Main Pump	Front, Hydraulic Pump R A4VG145 BR40 W/ SAE-D	536355
Main Pump	Rear, Hydraulic Pump R A4VG110 BR40 SAE-A	536356
Accumulator Pump	Hydraulic Pump R 18 A10V018(13)DR BR53	527945
Agitator Pump	Hydraulic Pump R 11.0 SNP2/ 11D SC 06 REP G	290243004
Boom Pumps		
A2F16	Hydraulic Pump L 16,0 A2F16/6.1/A6	067925005
A2F23	Hydraulic Pump L 23,0 A2F023/61L-PZB06	495750
A4F28	Hydraulic Pump L 28.0 A4F028/32L-NSC12N00	531191
A7V24	Hydraulic Pump L 24 A7V28 DR	276120002
A7V28	Hydraulic Pump L 28.0 A7V28 DR	259028008
A7V55	Hydraulic Pump L 55,0 A7V055(42) Br.6,3 DRS	421375

2 Boom Pump

2.18 HYDRAULIC MOTORS

Item	Description	Part Number
Slewing Gear Reducer	Hydraulic Motor B 16,0 A2F16W6, 1B3	222864008
Water Pump	Grundfos, Hydraulic Motor B 5,5 M2FS 250 BAR	229178001
Outrigger Telescope	Hydraulic Motor R 160,0 140 (175) BAR	434196
Agitator Motor	Hopper RS 909, Hydraulic Motor B 748 A58 103 BAR	541970
Agitator Motor	Hopper RS 905/RS 907, Hydraulic Motor B 465 BRH B 470 A58 27 000	484279
Water Pump	HYPRO, Hydraulic Motor 14.4CC SAE-A KEY AZMF-12	A036007



2.19 HYDRAULIC ACCUMULATOR

Item	Description	Part Number
Hydraulic Accumulator	4.0L	066600004
Bladder Kit	4.0L	A025004K
Accumulator Bladder	4.0L	AT319910
Hydraulic Accumulator	6.0L	A025007
Bladder Kit	6.0L	A029080



2.20 PISTON



Item	Description	Part Number
Piston Complete	For Gear Box G64C, D40mm	479527
Piston Complete	For Gear Box G64 and G61	222259008
Delivery Piston	D150mm - multi	222141006
Delivery Piston	D180mm - single	019033000
Delivery Piston	D180mm - multi	234735002
Delivery Piston	D200mm - multi	086236005
Delivery Piston	D200mm - single	019004000
Delivery Piston	D230mm - with Flange	262893000
Delivery Piston	D230mm - multi	085813005
Delivery Piston	D250mm - multi NBR aluminum	433029
Delivery Piston	D280mm - multi with aluminum frame	292356009
Delivery Piston Seal	D120mm	082308005
Delivery Piston Seal	D200mm	080372004
Delivery Piston Seal	D230mm	080373003
Delivery Piston Seal	D280mm	086632007
Guide Ring	200mm x 180mm x 40mm	080794006
Guide Ring	230mm x 40mm - wide	080672005
Guide Ring	260mm x 280mm x 50mm	087540004
Guide Ring	80mm x 12mm	235424008
Guide Ring	80mm x 7.5mm	235425007
Guide Ring	80mm x 85mm	063667008
Guide Ring	83mm x 9.5mm x 2.48mm	066839008
Piston Cup	6"	A062014
Piston Cup	7"	A062015
Rubber Piston Cup Ring	D90mm x 63mm x 14mm	013288000
Delivery Piston Seal	D100mm	089051009
Delivery Piston Seal	D180mm	056720004
Delivery Piston Seal	D150mm	056839005
Piston Guide Band	D140mm x 2.5mm x 15mm	066453002
Single Piston Frame	D230	084289009
Piston Ring	D110mm x 100.8mm x 3mm	042160005
Piston Ring	D120mm x 110mm x 3mm	042162003
Piston Ring	D130mm x 121mm x 6.34mm	259760007
Piston Ring	D140mm x 130.6mm x 6.34mm	237350002
Piston Rod	D63mm x 1179mm	028232009
Piston Rod	D60mm	082671004
Piston Rod	D80mm x 2385mm	087968000
Piston Rod	D45mm x 1178mm	088165006
Piston Rod	D60mm x 245.5mm	554324
Piston Rod Flange	ND40 2xM12 2xD13	056346006
Piston Rod Flange	ND80 2xM16 2xD18	263558001
Piston Rod Flange	LP63	087539002

2 Boom Pump

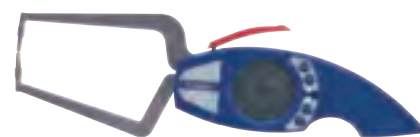
2.21 FILTER

Item	Description	Part Number
Filter Element for Suction Filter 10μ Nominal	Used for Suction Filter 2 x 1" - 2 x 1.5" on BSF Units	222895006
Filter Element 60μ	Used for Suction Filter 2 x 1" - 2 x 1.5" on BSF Units	225519004
Filter Element 25μ Absolute	Used for Suction Filter 2 x 1" - 2 x 1.5" on BSF Units	228943004
Suction Filter Element	10μ	416341
High Pressure Filter	10μ Absolut 40m Class	425836
Air Filter 10μ	Used on all BSF Units	272317000
Filter Element 10μ	Used on TTS and TVS Units	061127003
High Pressure Filter Element 10μ	80 L/Min DP=20 bar	223192009
High Pressure Filter Element 10μ Absolute	110 L/Min DP>=50 bar	273827007
High Pressure Filter	110 L/Min 400 bar without Insert	400833
Filter Element 175μ	Used for BSA and TVS Units	062277004
Filter Element 10μ		248911003
Filter Element 10μ Paper	Used for Air Filter	272318009
Suction Filter Element 10μ Nominal		294073005
Filter Element for Boom Filters	10μ Nominal	448258
Filter Element for Return Suction Filter	10μ	534896
Filter Element for Suction Filter 10μ	110 l/min, x=322.5 mm	551476
Filter Element for Suction Filter	170 l/min, x=500.5 mm	558153



2.22 DIGITAL PIPE WALL-THICKNESS MEASURING DEVICE

Item	Description	Part Number
Electronic Thickness Gauge	Wall thickness measuring device with integrated calibrator disc for zero-adjustment, testhead with 120 cm long connection cable, 1 battery, ultrasonic quid, plastic case	277434001
Digital Thickness Gauge	Ideal for two-layer pipes	454460
Ultrasound Conductive Paste	Used with 277434001	254025006



2.23 GAUGE AND HOSE KIT

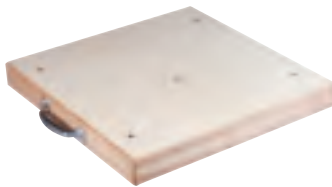
Item	Description	Part Number
Pressure Gauge	0-6 bar	002244000
Pressure Gauge	0-25 bar	001247008
Pressure Gauge	0-60 bar	016372007
Pressure Gauge	0-250 bar	016373006
Pressure Gauge	0-400 bar - Rear Connection	017250005
Pressure Gauge	0-400 bar - Bottom Connection	016375004
Pressure Gauge	0-600 bar	527005
Hydraulic Hose	NW 2x5000mm	063356005
Adapter	R 1/4" Minimes	063358003





2.24 EQV END HOSE SHUTOFF VALVE

Item	Description	Part Number
EQV End Hose Shutoff Valve	Pneum. Squeeze Valve EQV DN100, OD125mm/ID180mm.	542004



2.25 OUTRIGGER PADS

Item	Description	Part Number
Outrigger Pads	Nylon 605mm x 605mm x 50mm for 42-Meter Boom Pump and larger	453593
Outrigger Pads	Wood 600mm x 600mm x 50mm for 40-Meter Boom Pump and smaller	A126017
Outrigger Pads	Plastic 600mm x 600mm x 50mm with Bore, PE500	570943
Case	For Outrigger Pad 7"	A920284
Lock	For Outrigger Pad Case 7"	A920287
Spring	For Outrigger Pad Case 5" and 7"	A920270
Screw	For Outrigger Pad Lock 5" and 7"	A920282



2.26 REPLACEMENT PARTS

Item	Description	Part Number
Outrigger Tube Long 54 3/8"	Outrigger Vertical Tube	A250012
Hopper Slug	RS 905, RS 907	A092052
Retrofit Kit Water Tank 700L	Plastic	A519481



2.27 HOSE ACCESSORIES

Item	Description	Part Number
Hose Skid	Makes lay down jobs simplistic, used for 4" to 5" hose	482464
Tie Down Straps	2500mm x 20mm	482402

2 Boom Pump

2.28 CATCH BASKET

Item	Description	Part Number
Catch Basket*	Used for Cleanout Operations on SK 125mm 5-1/2" Complete	276593008
Catch Basket*	Used for Cleanout Operations on SK 100mm 4-1/2" Complete	276715006

* Also available with HD4" and HD5" connections.



2.29 BOOM STRAPS

Item	Description	Part Number
Tiedown Strap with Ratchet	For 31Z.16H, All 32Z, 36Z.16H, 38Z.16H, 40Z.16H, All 43, All 52Z, All 58, EX 22x-100 Boom Pumps, 2" x 15.5'	A260001
Tiedown Strap with Ratchet	For 24Z, All 28, All 32Z, 36X-180, All 36, All 38, All 42X, All 42, All 58, All 63 Boom Pumps, 2" x 13'	A260006
Tiedown Strap with Ratchet	For 24Z with new Pedestal Style, All 28Z, All 31, All 32Z, All 38Z, All 40Z, All 43Z, All 46, All 47, All 58 Boom Pumps, 2" x 52"	A260007
Shackle with Hitch Pin (requires 2)	Used on BSF 63-Meter, 2" x 13'	A382089



2.30 END HOSE SAFETY STRAPS

Item	Description	Part Number
End Hose Safety Strap	Safety Strap Sling, D12 x 1000mm, Nylon	066321008
End Hose Safety Clamp	Used for Hose Clamps D51-160 to tie the end hose to the last Boom Arm	501113
End Hose Safety Strap	Snap Spring 350 kg, Zinc-plated	280644008



2 Boom Pump

2.31 TOOLBOX



Item	Description	Part Number
Toolbox	Complete with tools listed below, Color: Blue	024449003
Toolbox	3 Sections	018440005
Wrench	Single open-ended 46mm	016904006
Wrench	Double open-ended 41/46mm	018426003
Wrench	Double open-ended 36/41mm	018427002
Wrench	Double open-ended 30/32mm	018428001
Wrench	Double open-ended 27/30mm	018429000
Wrench	Double open-ended 22/24mm	016901009
Wrench	Double open-ended 19/24mm	018430002
Wrench	Double open-ended 17/19mm	000116004
Wrench	Double open-ended 14/17mm	018431001
Wrench	Double-ended Ring 19/24mm	018433009
Wrench	Double Ring 12/13mm	446478
Wrench	Double Box 30/36mm	018434008
Screwdriver	No. 7	018435007
Screwdriver	Insulated 100mm x 3.5mm	043187003
Allen Wrench	SW4	041371002
Allen Wrench	SW5	041372001
Allen Wrench	SW6	000121002
Allen Wrench	SW8	000122001
Allen Wrench	SW10	000123000
Allen Wrench	SW14	041373000
Allen Wrench	SW19	041288001
Allen Wrench	TORX TX30	501725
Allen Wrench	TORX TX40	501729
Pliers	Universal ca.150 lg, long	016907003
Pliers	Water Pump, 240 lg, long	224584001
Padlock	Includes keys	000111009
Chisel	Flat, 250mm	018436006
Fitting Grease	BM10x1	016110007

2 Boom Pump

2.32 RUBBER BUFFER

Item	Description	Part Number
Rubber Buffer	A 25 x 20 NBR 45 Shore, Control Box 12V	002299000
Rubber Buffer	A 30 x 30 NBR 60 Shore, Converter Box	002256001
Rubber Buffer	A 40 x 30 NBR 60 Shore, Telebelt Control Box	002252005
Rubber Buffer	A 75 x 40 NBR 60 Shore, Water Tank	016387005
Rubber Buffer	C 40 x 30 NBR 55 Shore, MM Mixer	002255002
Rubber Buffer	D 25 x 17 NBR 75 Shore, Control Box 24V	066961002
Rubber Buffer	D 25 x 8 NBR 55 Shore, Toolbox	241770005
Rubber Buffer	D 40 x 10 VUL. 80 Shore, Side Deck	003339008
Rubber Buffer	D 40 x 30 NBR 75 Shore, TK Hopper Grate	002257000
Rubber Buffer	D 50 x 60 M8 x 26, Waterbox Drain Plug	019011006
Rubber Buffer	D 75 x 30 NBR 60 Shore, Outrigger Lock	004186001
Rubber Buffer	E 50 x 30 NBR 40 Shore	468132
Rubber Buffer	G 40 x 30 NBR 55 Shore, Control Box EPS	066396004
Rubber Buffer	G 50 x 30 NBR 60 Shore, Control Box BSA 14000HP	066264000





2.33 CLEANING MATERIAL

Item	Description	Part Number
Sponge Ball	D65 Soft	AST23734
Sponge Ball	D80 Soft	422531
Sponge Ball	D100 Soft	AST23310
Sponge Ball	D120 Soft	230227006
Sponge Ball	D150 Soft	230229004
Sponge Ball	D45 Medium	065044001
Sponge Ball	D60 Medium	000212005
Sponge Ball	D100 Medium	295904005
Sponge Ball	D120 Medium	016091003
Sponge Ball	D150 Medium	018841002
Sponge Ball	D175 Medium	026650007
Sponge Ball	D220 Medium	065348008
Sponge Ball	D30 Hard	000239004
Sponge Ball	D50 Hard	AST23363
Sponge Ball	D60 Hard	233494001
Sponge Ball	D80 Hard	000246000
Sponge Ball	D120 Hard	234053001
Sponge Ball	D150 Hard	223673007
Sponge Ball	D175 Hard	406379
Sponge Octagon	D175 Medium	A555371
Sponge Octagon	D125 Medium	A533527
Sponge Cylinder	D140 x150 Flat	504034
Sponge Cylinder	D120 x 150 Dome	256126000
Cleanout Pig AKA GO-DEVIL	D125 Blue	265417001
Cleanout Pig AKA GO-DEVIL	D125 Black	253953001
Cleanout Pig AKA GO-DEVIL	D100 Black	253952002
Sponge Pig	150 x 180 Dome	253086004
Cleanout Lid	D235	295052009

2.34 GREASE FITTING

Item	Description	Part Number
Grease Fitting	BM10x1, 45°	016110007
Grease Fitting	AM8x1, Straight	017005001
Grease Fitting	BM8x1, 45°	017006000
Grease Fitting	CM8x1, 90°	017007009
Grease Fitting	AM6, Straight	042669001

2 Boom Pump

2.35 WATER BOXES

Item	Description	Part Number
Cover Plate	Used for most common Putzmeister Water Boxes	245194001
Water Drain	Used for most common Putzmeister Water Boxes	245210008
Water Box Ring	246mm x 210mm x 8mm	251232009
Lid for Water Box	For Flatpacks with a RS 905 and RS 907 Hopper	255123004
Foldable Cover	Used for most common Putzmeister Water Boxes	258380006
Lever for Waterbox Drain	Used for most common Putzmeister Water Boxes	538388
Rubber Buffer	D50x60 M8x26	019011006



2.36 WATER TANK

Item	Description	Part Number
Water Tank	Plastic, 700L Molded	A123087
Water Tank	Steel, 700L	A123046
Cap for Closing the Water Tank	Used on all kinds of Putzmeister Watertanks	295936002
Cover for Water Tank	Used on Flushing Water Pumps CRK and CNP 4-160	A123027
Support Kit for Water Tank	Plastic, 700L	A519343
Retrofit Kit	Used on all 30-meter machines except 31Z and 38Z	A519481



2.37 OIL COOLER ACCESSORIES

Item	Description	Part Number
Oil Cooler 12VDC	Used on Large Line pre-Year 2003	A024056
Replacement Fan for Hydraulic Oil Cooler 12V	Used on Large Line pre-Year 2003	444175
Replacement Fan for Hydraulic Oil Cooler 24V	Used on every Large Line, Single Cooler	444176
Fan for Oil Cooler 24V	Used on every Large Line, Double Cooler	573969



2.38 THERMOMETER

Item	Description	Part Number
Thermometer	12V, Used for Control Box	016963005
Thermometer	24V, Used for Control Box	026033006
Thermo-Probe 55°	M14 x 1.5mm, Used on the Radiator of all Boom Pumps	067860005
Thermo-Probe 70°	M14 x 1.5mm, Used on the Radiator of all Boom Pumps	278493009
Thermo-Probe 90°	M14 x 1.5mm, Used on the Radiator of all Boom Pumps	016964004
Thermo-Probe -50°/+150°	M14 x 1.5mm, Used on the Radiator of all Boom Pumps	403405



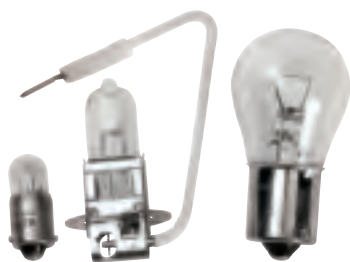
2 Boom Pump

2.39 WORKING LIGHT



Item	Description	Part Number
Working Spotlight for Halogen Lamp	Used on a 12V and 24V Working Spotlight	065255007
Working Spotlight	24V 70W H3	083691009
Working Spotlight	Spotlight Inside Door, 12V and 24V, 55/70W	262244002
Working Spotlight	Used on most common Boom Pump Units, 24V, 70W	286270007
LED Work Light	40W	A602178
Holder for Working Spotlight	Hot-dip Galvanized	242551003

2.40 LIGHT BULBS



Item	Description	Part Number
Light Bulb 24V	Rear Lights, 21W	041222009
Light Bulb 24V	Rear Light, 10W	041265008
Light Bulb 12V	Used on Control Boxes, 2W	041308004
Light Bulb 24V	Used on Control Boxes and Rear Lights, 2W	042016007
Light Bulb 12V	Used on a Working Spotlight, 50W	016759002
Light Bulb 24V	Used on a Working Spotlight, 70W	021278002
Light Bulb 24V	Used on Control Boxes and Rear Lights, 5W	021389001
Marker Light	Amber, Outrigger 46-Meter and 52-Meter Boom Pumps	268810003



2.41 SWING-OUT STEPS

Item	Description	Part Number
Steps	Rear Left Hand Side, Steel	A410021
Steps	Rear Right Hand Side, Steel	A410022
Steps	Rear Left Hand Side, Aluminum	A410023
Steps	Rear Right Hand Side, Aluminum	A410024

2.42 SPLASH GUARD PARTS



Item	Description	Part Number
Splash Guard	Steel, Used for Boom Pumps with RS 905 and RS 907 Hopper	A400045
Splash Guard	Rubber, Used for RS 905 Hopper	245991000
Handle for Splash Guard	Aluminum, Used for Boom Pumps with RS 905, RS 905A and RS 907L Hopper	411687
Rail for Splash Guard	690mm, Used for Boom Pumps with RS 905 and RS 907 Hopper	412152

2 Boom Pump

2.43 RELAYS FOR CONTROL BOX

Item	Description	Part Number
POH-/Control Module	10-32V, Green Plug Card	555644
Relay Holder		064259004
Set of Diodes	1300 V	244842008
Time Lag Relay		257581000
12V Relay Silver (K2)		061852006
12V Relay Change-over, 20/30 A	Bosch, Black	065033009
12V Relay Mini 111	Yellow, Plastic, 8 Pin 1/2" x 1"	066638005
12V Relay 4 Change-over (K3)	Yellow, Plastic, 14 Pin 3/4" x 1"	226479004
12V Relay (K238)	Black	247108008
12V Relay 10,0A	2 Way	252760004
12V Plug Socket for 2K238 Relay		247103003
12V E-Stop Relay		570856
12V Relay	70A	415538
12V Relay Step	1 Changer	278494008
24V Relay Step	1 Changer	278495007
24V Relay Step	For Change-over, used for Units with Module Cards	244371003
24V Relay Step	For Pump on and off	061853005
12/24V Stepping Relay (K1)	For Boom Pumps before Year 2000. Replaces 063516007 and 063515008	543660



2.44 DIODES FOR CONTROL BOX

Item	Description	Part Number
Diode	3A 1000V	065151004
Diode	20MA 24V GN 8mm	244846004
Diode	20M-ART 12V 8mm Red LED	246799007
Diode	20MA 12V 8mm Green LED	247102004

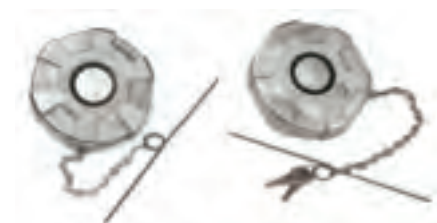
2.45 CONTROL LAMPS FOR CONTROL BOX

Item	Description	Part Number
250V, 2W	Red	067146004
250V, 2W	Green	067148002



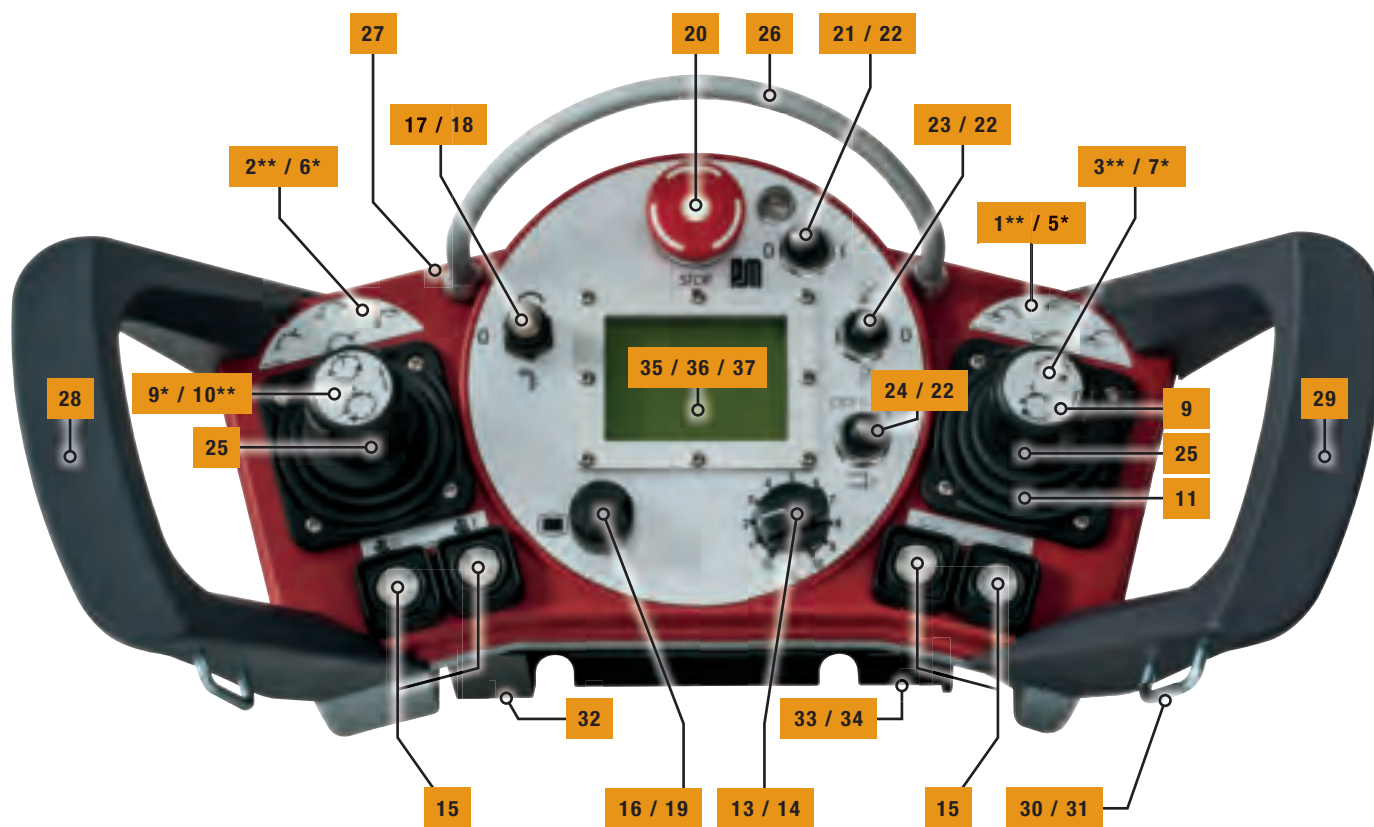
2.46 FUEL CAPS

Item	Description	Part Number
4" Diameter vented without Lock	Durable aluminum casting for every Boom Pump Model	A017044
4" Diameter vented with Lock	Durable aluminum casting for every Boom Pump Model	A017048



2 Boom Pump

2.47 RADIO REMOTE TRANSMITTER FOR RADIO SYSTEM TYPES 727-735 AFM — 590940



2 Boom Pump

2.47 RADIO REMOTE TRANSMITTER FOR RADIO SYSTEM TYPES 727-735 AFM — 590940

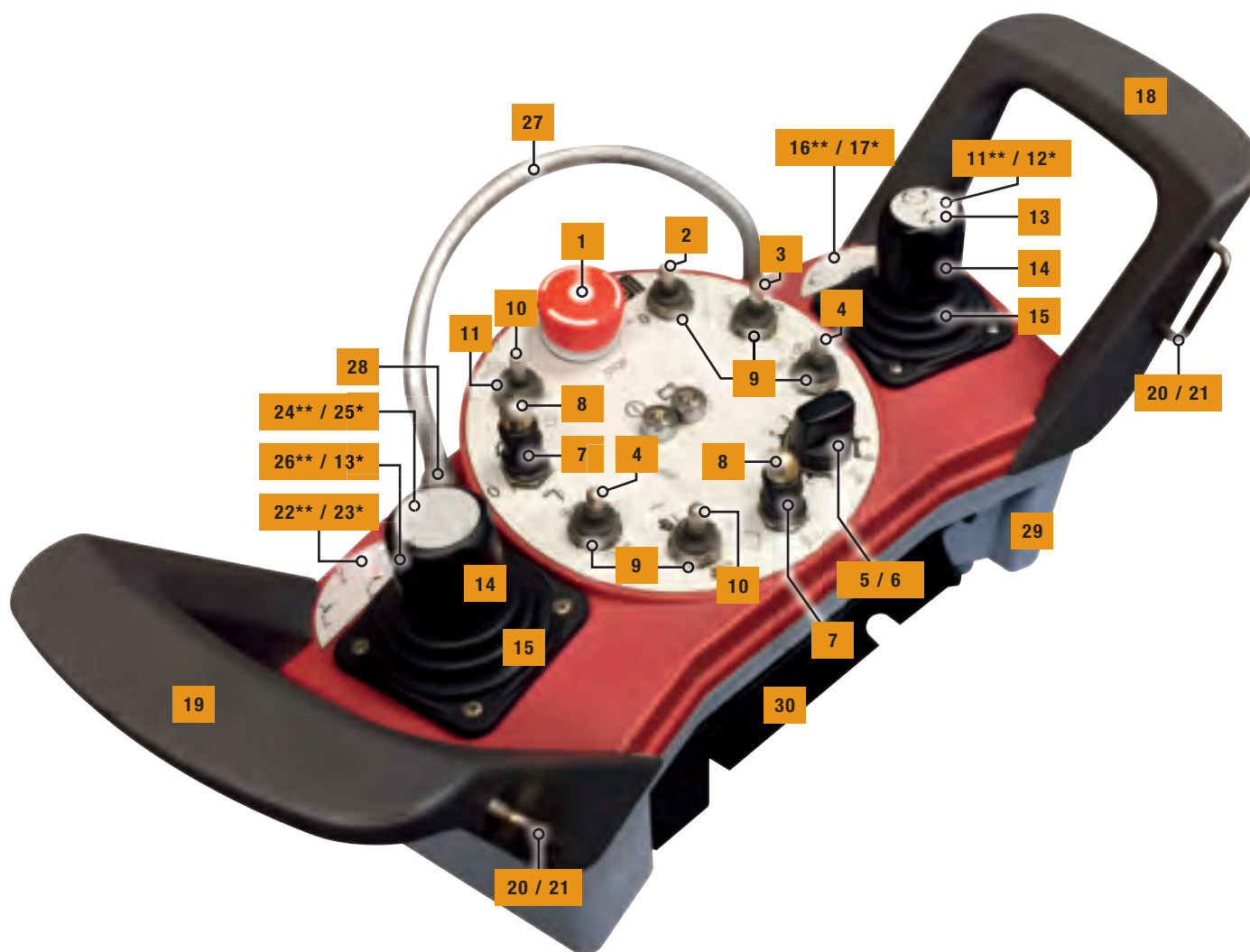
Item #	Item	Description	Part Number
1	Decal for A-Slew Section for 4 Arm Boom		292011001**
2	Decal for C-D Section for 4 Arm Boom		292010002**
3	Decal for B-Section Round Sign for 4 Arm Boom		401799**
4	Blank Round Joystick Plate for 4 Arm Boom		401808**
5	Decal for A-Slew Section for 5 Arm Boom		292014008*
6	Decal for D-E Section for 5 Arm Boom		292013009*
7	Decal for B-Section Round Sign for 5 Arm Boom		401801*
8	Decal for C-Section Round Sign for 5 Arm Boom		401807*
9	3-Axis Joystick		487160
10	2-Axis Joystick		487161**
11	Joystick Bellows		292129003
12	Joystick Knob		466329
13	Volume Knob		255255008
14	Volume Control Potentiometer		249791002
15	Push Buttons	RPM and Motor Stop, Soldered in Part	294941001
16	Icon Knob Switch Assembly	Kit. Comes with Knob, Switch and O-Rings, Soldered in Part	510650
17	Boom/Outrigger Switch	Soldered in Part, Alternative: Toggle Switch 15A, 28V (251663005)	418164
18	LG Switch Protection Cap	Alternative: Rubber Cap with Seal (501987)	249520008
19	Icon Switch Knob		449140
20	E-Stop Push Button	Soldered in Part	241401002
21	TX Power Switch	Soldered in Part	241415001
22	Small Switch Protection Cap		241416000
23	Pump on Switch	Soldered in Part	067033007
24	Horn/Changeover Switch	Soldered in Part	241412004
25	Joystick Knob		466329
26	Aluminum Roll Bar on Transmitter		292584004
27	Tapered Aluminum Roll Bar Washers		293803001
28	Remote Handle	Left Side, Includes Belt Loop	400951
29	Remote Handle	Right Side, Includes Belt Loop	400952
30	Belt Loop		292461004
31	Belt Loop Nut		043088005
32	Battery Compartment		495536
33	Model 735, Ergo Lower Housing	With Battery Compartment	495537
34	Model 727, Ergo Lower Housing	With Battery Compartment, Part No. 495537 can be used as an alternative	A611340
35	Screen Glass		512304
36	Screen Silicone Gasket		512305
37	Screen Protective Film Cling	Comes in Five-Pack	501845

* Only in 5-Section Radio Application

** Only used in 4-Section Radio Application

2 Boom Pump

2.48 24V NON-EGD RADIO REMOTE PARTS FOR RADIO SYSTEM TYPE 727 — A602302



2 Boom Pump

2.48 24V NON-EGD RADIO REMOTE PARTS FOR RADIO SYSTEM TYPE 727 — A602302

Item #	Item	Description	Part Number
1	E-Stop Button	Soldered in Part	241401002
2	Transmitter Power Switch	Soldered in Part	241504006
3	Pump on Switch	Soldered in Part, Requires 2x Capacitor Ceramic 1000PF 50V (A544520)	295755005
4	RPM + /- and Horn/Changeover Switches	Soldered in part, requires 2x Capacitor Ceramic 1000PF 50V (A544520)	241412004
5	Volume Control Potentiometer	Soldered in Part	249791002
6	Volume Control Knob		255255008
7	LG Switch Protection Cap	Rubber Cap with Seal (501987) is an Alternative Part	249520008
8	Boom/Outrigger Switch - Snail/Rabbit Switch	Soldered in Part, Requires 2x Capacitor Ceramic 1000PF 50V (A544520), Toggle Switch 15A, 28V (Part No. 251663005) is an Alternative Part	418164
9	Small Switch Protection Cap	Rubber cap for Toggle Switch (067037003) is an Alternative Part	241416000
10	User Defined Set Switch - Motor Stop Switch	Soldered in Part, Requires 2 Capacitor Ceramic 1000PF 50V (A544520)	241502008
11	Decal for B-Section Round Boom for 4 Arm Boom		401799**
12	Decal for B-Section Round Boom for 5 Arm Boom		401801*
13	3-Axis Joystick		487160
14	Joystick Knob	*Snap ring at the base holds knob in place. ** 4 Arm C-D Joystick. The knob is glued in.	466329
15	Joystick Bellow		292129003
16	Decal for A-Slew Section for 4 Arm Boom		292011001**
17	Decal for A-Slew Section for 5 Arm Boom		292014008*
18	Remote Handle	Right Side, Includes Belt Loop	400952
19	Remote Handle	Left Side, Includes Belt Loop	400951
20	Belt Loop		292461004
21	Belt Loop Nut		043088005
22	Decal for C-D Section for 4 Arm Boom		292010002**
23	Decal for D-E Section for 5 Arm Boom		292013009*
24	Blank Round Joystick Plate for 4 Arm Boom		401808**
25	Decal for C-Section Round Boom for 5 Arm Boom		401807*
26	2-Axis Joystick		487161
27	Aluminum Roll Bar on Transmitter		292584004
28	Tapered Aluminum Roll Bar Washers		293803001
29	Transmitter Lower Housing — Ergonic	Includes Battery Compartment (495536), Soldered in Part	A611340
30	Battery Compartment	Part of Transmitter Lower Housing (A611340)	495536

* Only in 5-Section Radio Application

** Only used in 4-Section Radio Application

2.49 HBC RADIO RECEIVER FOR RADIO SYSTEM TYPES 727-735

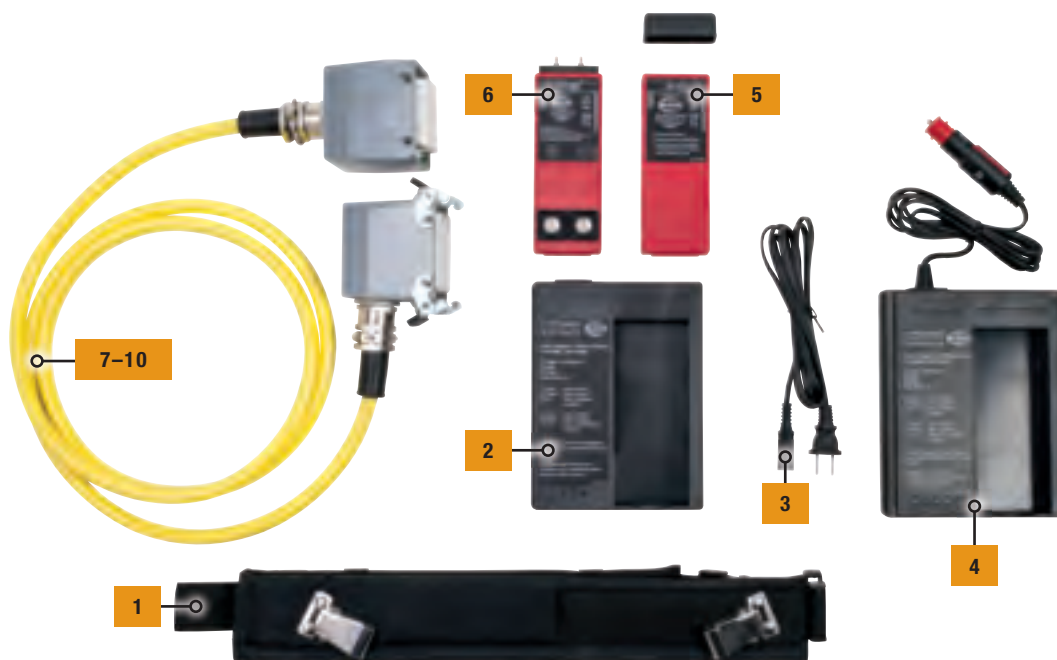


2.49 HBC RADIO RECEIVER FOR RADIO SYSTEM TYPES 727-735

Item #	Item	Description	Part Number
1	Receiver Cable Connection Housing	Includes 2 locking clamps (Part No. 479296) and gasket	243707005
2	Locking Clamp		479296
3	1-16 Receiver Cable Connector Insert		243704008
4	17-32 Receiver Cable Connector Insert		243705007
5	900 MHz FL30 Antenna		406519
6	Receiver for Roof Mount Antenna 900 MHz		434444
7	Cable	3 meter	434447
8	TC 240 Stud Mounted 2.4 GHz Focus Antenna	Reference silver label on radio transmitter to see if TC240 is needed	A601590
9	TC 241 Stud Mounted 2.4 GHz Focus Antenna	Reference silver label on radio transmitter to see if TC241 is needed	A617384
10	Neoprene Receiver Gasket		294934005

2 Boom Pump

2.50 RADIO REMOTE ACCESSORIES — APPLICABLE FOR ALL 727 AND 735 RADIO SYSTEM TYPES



Item #	Item	Description	Part Number
1	Waist Belt for Radio Remote Control	Standard belt that comes in new kits	288778002
2	120VAC Battery Charger	Must be sold with Battery Charger Cable 115V (Part No. A534578)	A534577
3	120VAC Battery Charger Cord	Must be sold with Battery Charger 115V (Part No. A534577)	A534578
4	10-30VDC Battery Charger with 12V Outlet Connector	Plugs into cigarette lighter	459061
5	HBC 4.2mAh NiHM Battery Pack	Current on all new production	458017
6	HBC 2.1mAh NiHM Teletach Battery	Is required to adjust electronic controlled boom speeds on HBC Remotes	496070
7	2.5 Meter Receiver Cable with HAN 32 Pin Ends	Different lengths used in different years depending on radio mounting locations	461552
8	5 Meter Receiver Cable with HAN 32 Pin Ends	Different lengths used in different years depending on radio mounting locations	433760
9	10 Meter Receiver Cable with HAN 32 Pin Ends	Different lengths used in different years depending on radio mounting locations	433765
10	40 Meter Remote Cable with HAN 32 Pin Ends	Not suitable to use as a Radio Receiver Cable. Only use for a Cable Remote Application	433776
—	Ergo Waist Belt Extender	Extends standard belt for larger waist sizes	A052497
—	Neck Strap for Ergo Transmitter	Hangs around operator's neck	403322
—	Shoulder Strap	Wraps below and around operator's shoulders for comfort	295773003
—	Carrying Belt for HBC Spectrum	Color: Orange	227618000

3 Ship-Away Kit — Large Line

3.1 SHIP-AWAY KIT FOR CITY PUMPS (A512510)



Item #	Description	Part Number
—	SHCS M16 x 30mm	A971317
—	Reducer Elbow SK150-5" HD	A104021
1	Gasket Coupling SK150-6.0	002231000
2	Coupling Clamp SK-H 150	544801
—	Proximity Splitter 2-Way	A052565
3	Hydraulic Hoses DN10 x 1750	223800003
—	Warning Triangle	A126001
4	Emergency Stroke Change Kit	AT134931
—	Proximity Switch M12 x 1mm	270321001
5	Filter Element 10µ Nominal	222895006
—	QC Coupler Plug Air	A971333
6	Working Spotlight 12V	083687000
7	Safety Helmet with PM Logo, Yellow	064626006
8	Sponge Cube D150	063567001
—	Box Ship Away Kit	A322000
—	Hydraulic Fitting Kit Emergency	A041192
—	Coupling Clamp SK-H 125	417249

Item #	Description	Part Number
9	Hydraulic Hose DN 16 x 700mm	016543001
10	Hydraulic Hose DN 10 x 1000mm	016527001
11	Hydraulic Hose DN 6 x 1000mm	016517008
12	Hydraulic Hose DN12 x 1000mm	016435009
13	Lever Grease Gun with Hose	000211006
14	Sponge Ball D150 Medium	018841002
—	Gasket Cavity SK125-5.5mm	055559001
15	Hydraulic Hose DN16 x 1000mm	042625003
16	Single Spanner, 65mm	041289000
17	Tool Box Complete	024449003
18	Relay 4 Changer	226479004
19	Relay 12VDC	247108008
—	Electrical Spare Parts Kit	A052253
20	Step Relay 12VDC	278494008
21	Relay 12V DC	252760004
22	Relay 12V (K27)	210857001
23	Spray Nozzle without Coupling	412120
24	Wash-out Hose Red 3/4"	A121045

3

3.2 SHIP-AWAY KIT FOR BOOM PUMP UNITS



Item #	Description	Part Number
1	Hydraulic Hose Kit	A041191
—	Hydraulic Fitting Kit	A041192
—	Pipe Bushing 3/4"-3/8"	A043027
—	Proximity Splitter 2-Way	A052565
2	Wash-out Gun Kit	A121000
3	Wash-out Hose	A121010
—	Wash-out Hose 3/8"	A121011
—	Box Ship Away Kit	A322000
—	Allen Wrench, 3mm	A610018
—	SHCS M16mm x 30mm	A971317
—	QC Coupler Plug Air	A971333
4	Lever Grease Gun with Hose	000211006
5	Sponge Ball D150 Medium	018841002
6	Single Spanner, 60mm	019179003
7	Tool Box Complete with Tools	024449003
—	HHCS M12mm x 60mm	032383009
—	HHCS M20mm x 70mm	032438006
8	Single Spanner, 65mm	041289000
9	Single Spanner, 50mm	042383002
10	Gasket Cavity SK125-5.5mm	055559001
11	Gauge on Hose 1/4" Minimes	063358003
12	Hydraulic Hose 2 x 400 Minimes	063365009
13	Sponge Cube D150	063567001
14	Safety Helmet with PM Logo, Yellow	064626006
—	O-Ring ISO36	069042009
15	Working Spotlight 24V	286270007

Item #	Description	Part Number
16	Coupling Clamp SK-H 125	417249
17	Filter Element 10μ Absolute	425836
—	Filter Element 10μ for Suction Filter	416341
—	Filter Element 10μ for Boom Filter	448258
—	Tag SP/EN Danger under Repair	A800157
—	Gauge 0/600 bar	527005
—	Coupling Screw	240514000
—	HHCS M20mm x 150mm	255462008
—	Nut Nylock M20mm	034110005
—	Washer Flat	042170008
18	Fuse 3 AMP Flat	232273003
19	Fuse 5 AMP Flat	232275001
20	Fuse 7.5 AMP Flat	232276000
21	Fuse 10 AMP Flat	232277009
22	Fuse 15 AMP Flat	232278008
23	Fuse 20 AMP Flat	232279007
24	Fuse 25 AMP Flat	232280009
25	Fuse 30 AMP Flat	232281008
26	Microfuse 0.2AT 250V	239592004
27	Relay 24V, 8A	274147003
28	Relay 24V, 60A	269463006
29	Step Relay 24V	244371003
—	Proximity Switch M12mm x 1mm	270321001
30	Spray Nozzle without Coupling	412120
—	Wash-out Hose Red 3/4"	A121045

Your search for quality parts starts with Putzmeister. In addition to our vast inventory of genuine Putzmeister parts and accessories, we offer the convenient and cost-saving ProPART™ program, which can help you fill in the blanks for your whole fleet.

A division of Putzmeister America's Customer Support Group, ProPART offers a wide range of competitor manufacturers' and multi-vendor parts and accessories. These high-quality wear, replacement and service parts provide you significant savings over the competition. ProPART also offers special application parts that are developed by Putzmeister.

4.1 BOLTS/BEARINGS

Item	Description	Part Number	Schwing Part #
Bolt	M30 x 150 8.8 DIN 931	032267002	10001295
Bushing	With grease groove	A527221	10018037
Bushing	With flange	A527217	10018047



4.2 SEALING RINGS/CLAMPS

Item	Description	Part Number	Schwing Part #
O-Ring	200 x 10	A527587	10000602
O-Ring	60 x 5	042235008	10000765
Sealing Ring	DN 150	A527588	10004761
O-Ring	70 x 8	013154008	10017436
O-Ring	95 x 8	A527398	10016241
Sealing Ring	DN 250	A527592	10035783



4.3 AGITATOR

Item	Description	Part Number	Schwing Part #
Bearing Assembly	Drive Side	A527392	10061072
Bearing Assembly	Fixed Support	A527394	10061073
Bearing	Rod Bushing	A527248	10061074
Flang Shaft	Left Hand Side	A538533	10061075
Sealing Cone		A527250	10061076
Bushing	D60	A527249	10061077
Flang Shaft	Right Hand Side	A539485	10061080
Bushing	2.367 x 1.957 Bronze 660	A527589	10061082
Hydraulic Motor		A527245	10039180





4.4 BUSHINGS/SEALS

Item	Description	Part Number	Schwing Part #
Back-up Ring	DN 210	A527209	10158880
Bearing Bushing		A531198	10025626
Bearing Sealing		A531200	10067810
Bushing	56/D 45 x 45	A531202	10007772
Bushing	D 60/68 x 23 Material Sint-B50	A527249	10061077
Scraper	50 x 60 x 5 x 7 P 7-50x	A531195	10002789
Seal	Cone	A527250	10061076
Support Bushing		A527217	10018047



4.5 HOPPER COMPONENTS

Item	Description	Part Number	Schwing Part #
Agitator Support	Fixed Support	A527394	10061073
Hydraulic Motor for Agitator		A527245	10147632



4.6 FILTERS

Item	Description	Part Number	Schwing Part #
Filter Element	Paper 350 P25D	A538889	10002989
Filter Element	852-126 SM 10	A530792	10021810
Filter Element	HC 9800 FKT8H	A534817	10072694
Filter Element	KVM45SX HC9600	A527585	10073397

4.7 PISTON RAMS

Item	Description	Part Number	Schwing Part #
Piston Ram	DN 180 (7")	A531110	10161781
Piston Ram	DN 200 (8")	A527239	10161754
Piston Ram	DN 230 (9")	A527240	10161634
Piston Ram	DN 250 (10")	A527400	10161980



4.8 ADAPT-A-RAM

Item	Description	Part Number	Schwing Part #
Adapt-A-Ram	230 Piston Kit	A530882	
Adapt-A-Ram	250 Piston Kit	A530883	
Adapt-A-Ram	Ø146mm with Hardware	A528534	



4.9 PISTONS

Item	Description	Part Number	Schwing Part #
Ram	DN 230	A527240	10161634
Ram	DN 200 Pivot Style	A527238	10007908
Ram Flange Style	DN 250	A527400	10161980
Ram Flange Style	DN 180	A531110	10161781





4.10 WEAR PARTS

Item	Description	Part Number	Schwing Part #
Rock Valve	DN 210/180, M-Rock	A527206	10059467
Rock Valve	DN 220/180, B-Rock	A535374	10181912
Kidney Seal	DN 135	A527584	10032182
Kidney Seal	DN 180	A527214	10029138
Housing Lining	DN 135, Outlet Side	A531197	10025851
Housing Lining	DN 180, Outlet Side	A527215	10018046
Cutting Ring	DN 165	A531283	10032186
Cutting Ring	DN 210	A527212	10063939
Backup Ring	DN 210	A527209	10158880
Cutting Ring	DN 220	A527255	10181916
Pressure Spring	DN 165	A530875	10064473
Pressure Spring	DN 210	A527213	10064472
Pressure Spring	DN 220	A533560	10181917
Pressure Spring	DN 230	A527399	10166975
Plate Lining	Rock Valve DN 150, Inlet Side	A536653	10129809
Plate Lining	Rock Valve DN 180, Inlet Side	A539614	10129807
Wear Plate	Casting DN 200 (8")	A527218	10074767
Wear Plate	Casting DN 230 (9")	A527219	10074768
Wear Ring Insert	DN 250, Inlet	A527254	10181938
Base Plate	DN 180/200/230	A533152	10074769
Cover Lining		A527216	10018029



4.11 SPECTACLE WEAR PLATES/WEAR RINGS

Item	Description	Part Number	Schwing Part #
Wear Ring	DN 210	A527212	10063939
Wear Ring	DN 220	A527255	10181916
Kidney Sealing	DN 180	A527214	10029138
Pressure Spring	DN 210	A527213	10064472
Pressure Spring	DN 230	A527399	10166975
Wear Ring	DN 165	A531283	10063938
Kidney Seal Ring		A527584	10032182
Pressure Spring	DN 165	A530875	10064473
Wear Plate Casting	DN 200 8"	A527218	10074767
Wear Plate Casting	DN 230 9"	A527219	10074768

4.12 CARBIDE WEAR PARTS

Item	Description	Part Number	Schwing Part #
Wear Insert	DN 230	A536976	10081097
Cutting Ring	DN 210	A536977	10081098
Small Wear Insert	Triangle	A533173	10146064
Large Wear Insert	Triangle	A533174	10146063
Wear Insert	DN 220, Right Hand Side	A533170	10190439
Wear Insert	DN 220, Left Hand Side	A533171	10183355
Cutting Ring	DN 220	A533559	10182449
Cutting Ring	DN 230	A527396	10185103



4.13 ACCESSORIES

Item	Description	Part Number	Schwing Part #
Discharge Gate	Rock Valve	A527591	10080782
Wedge	16mm	A528850	10004709
Gearshift Fork	With Shifting Rod	A528867	10012464



4.14 WATER PUMP

Item	Description	Part Number	Schwing Part #
Hypro Water Pump	1500 Gallons - 1 1/2"	A527395	30301745



5.1 BELTS

The Telebelt® belt is made up of three layers as shown in the diagram below. The top layer is the load carrying side. The middle layer (carcass), the tensile member of belt, is fabric ply. The bottom layer is the non-load carrying side.

The Telebelt belt is special for these reasons:

- High strength, wears evenly
- Great flexibility to bend over pulleys without weakening or damaging the belt carcass
- Tracks perfectly without riding up off idlers
- Troughs perfectly - even with 45 degree idlers
- Resists stretching, tearing, fraying, impact, abrasion and cutting
- Resists chemicals, rot, mildew and delamination



Belt Layers (total width = 7/16")

Layer 1: Top Cover — load carrying side (width = 3/16")

Layer 2: Fabric Ply — carcass (width = 3/16")

Layer 3: Bottom Cover — non-load carrying side (width = 1/16")



Item	Description	Part Number
Main Conveyor Belt TB 80	Belt 18" Width x 173' Length	A380889
Main Conveyor Belt TB 105	Belt 18" Width x 235' Length	A380896
Main Conveyor Belt TB 110	Belt 18" Width x 247' Length	A321458
Main Conveyor Belt TB 130	Belt 18" Width x 302' Length	A320586
Main Conveyor Belt TBS 130	Belt 18" Width x 302' Length Chevron Top	A542429
Feeder Belt TB 80	Belt 18" Width x 67' Length	A320655
Feeder Belt TB 105/ TB 110/ TB 130	Belt 18" Width x 75' Length	A321550
Feeder Belt TBS 130	Belt 18" Width x 75' Length Chevron Top	A542424



5.2 FILTER

Item	Description	Part Number
Filter Element	10μ Nominal, used with all Telebelts	222895006
Filter Element	60μ Absolute, used with all Telebelts	225519004
Filter Element	25μ Absolute, used with all Telebelts	228943004
Filter Element	10μ 80 l/min dp=20 bar, used with all Telebelts	223192009
Filter Element	10μ 110 l/min dp>=50 bar, used with all Telebelts	273827007



FRONT-END LOADER HOPPER



LOW-PROFILE HOPPER



ROCK HOPPER

5.3 HOPPER ASSEMBLY

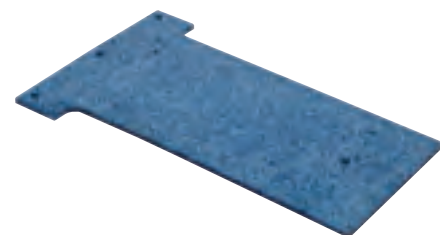
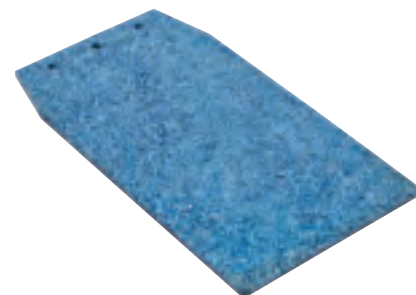
Whether you're on a wind farm or wall job, Putzmeister has all your needs covered with a variety of hopper options. Each hopper accommodates different materials, such as concrete, rock and various loose, bulk materials. In addition, you can feed our hoppers multiple ways using a front-end loader, skid steer loader, dump truck or concrete mixer.

Item	Description	Part Number
Folding Hopper Assembly	Used on TB 110 and TB 130	A309720K
Front-end Loader Hopper	Allows easier use with skid steer and small wheel loaders, used on TB 80, TB 105, TB 110 and TB 130	A306000
Low Profile Hopper Assembly	Aluminum, used on TB 80, TB 105, TB 110 and TB 130	A306001
Rock Hopper Assembly	Allows faster, more efficient handling of rock and gravel, used on TB 80, TB 105, TB 110 and TB 130	A300042
Feed Conveyor Hopper	Used on TB 80, TB 105, TB 110 and TB 130	A341002
Seal Rubber Side Panel	Used on TB 110, TB 130 and TB 600	A321382

5.4 SKIRTS

Skirts act as a funnel to direct the flow of material from the feeder belt to the main conveyor. Tunnel skirts are invaluable in ensuring the flow from the feeder through the transfer and onto the main belt is smooth for more efficient material placement, a cleaner job site and easier cleanup.

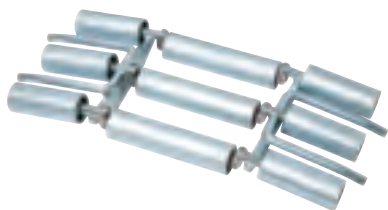
Item	Description	Part Number
Side Skirt for Loader Hopper	Used on TB 80, TB 105, TB 110 and TB 130	A320011
Rear Skirt for Loader Hopper	Used on TB 80, TB 105, TB 110 and TB 130	A320013
Front Skirt for Loader Hopper	Used on TB 80, TB 105, TB 110 and TB 130	A320019
Rear Skirt for Hopper	Used on TB 80, TB 105 and TB 130	A311956
Side Skirt for Hopper	Used on TB 80, TB 105, TB 110 and TB 130	A321173
Rubber Side Skirt for Transition Hopper	Used on TB 80	A322526
Rear Sealing Rubber Skirt for Transition Hopper	Used on TB 80	A322529
Seal Rubber Side Panel for Folding Hopper	Used on TB 110, TB 130 and TB 600	A321382
Seal Rubber Outer End Panel for Folding Hopper	Used on TB 110, TB 130 and TB 600	A321138
Rubber Skirt for Transition	Used on TB 110	A321437
Rubber Skirt for Transition	Used on TB 130 and TB 600	A322440
Skirt for Transition Flap	Used on TB 110	A321438
Rubber Tunnel Skirt	Used on TB 80 and TB 105	A311790
Chute for Rubber Swivel	Used on TB 105	A321198
Skirt for Rubber Swivel	Used on TB 105	A321632
Cover for Rubber for Turret	Used on TB 105	A321630
Rubber Apron Skirt	For Arm 1 Tunnel, used on TB 110, TB 130 and TB 600	A321217
Skirt	For Arm 1 Tunnel, used on TB 110	A321452
Feeder Skirt Wear Discharge Boot	Used on all Telebelts	A311824
Skirt Wear Discharge Boot	18", used on TB 80, TB 105, TB 110 and TB 130	A330748
Rubber Turret Skirt	Used on TB 110	A321530
Apron Rubber for Feed Conveyor	Used on TB 80, TB 110, TB 130 and TB 600	A322221
Feeder Scraper Skirt	Used on TB 80, TB 110 and TB 130	A332672
Apron Skirt	Used on TB 80	A320195
Apron Skirt	Used on TB 105	A321008
Apron Skirt	Used on TB 110	A321621
Apron Skirt	Used on TB 600 and TB 200	A321727
Head Scraper Skirt	Used on TB 80, TB 105, TB 110 and TB 130	A331737
Rubber Apron Skirt	Front, Arm 1, used on TB 130	A506995
Rubber Apron Skirt	Rear, Arm 1, used on TB 130	A506996



5.5 ROLLERS

Using the right rollers in the correct position is very important to the life of the belts and the overall performance of the Telebelt. The location and design of Putzmeister's rollers are a product of years of experience and practical application.

Item	Description	Part Number
Roller Assembly	18" U-Roller, used on TB 80, TB 105, TB 110 and TB 130	A320090
Roller	Hopper, used on TB 80, TB 105, TB 110 and TB 130	A330537
V-Idler Assembly	Used on TB 80, TB 105, TB 110 and TB 130	A383544
Return Roller	Used on TB 50	A381163
Return Roller Assembly	18" Belt, used on TB 80, TB 105, TB 110, TB 130 and TB 600	A383545
Roller Replacement Part	For A383545, Center Labyrinth Seal, used on TB 80, TB 105, TB 110, TB 130 and TB 600	A383562
Roller Replacement Part	For A383545, Outer Labyrinth Seal, used on TB 80, TB 105, TB 110, TB 130 and TB 600	A383563
Roller Replacement Part	For A321470, Inner Labyrinth Seal, used on TB 80, TB 105, TB 110 and TB 130	A321643
Roller Replacement Part	For A321470, Outer Labyrinth Seal, used on TB 80, TB 105, TB 110 and TB 130	A321644
Bushing	For Return Roller 25", Used on TB 105, TB 110, TB 130 and TB 200	A311732
Transition U-Roller Assembly	18", used on TB 80, TB 110 and TB 130	A321068
Transition U-Roller Assembly	18", used on TB 105	A320117
V-Roller Assembly Transition	Used on TB 110	A321541
Pulley 5" w/Double Ball Bearings	Used on TB 80, TB 105, TB 110 and TB 130	A321470
Rear Roller Assembly	18", used on TB 80, TB 105, TB 110 and TB 130	A330731
Roller Assembly	3", used on TB 80, TB 105, TB 110 and TB 130	A320081
Roller Assembly	5" x 2" Outer Diameter, used on all Telebelts	A320082
Roller Assembly	8.25" x 2" Outer Diameter, used on all Telebelts	A320075
Roller Assembly	Rear 24", used on TB 600 and TB 200	A330732
Return Roller Assembly	24", used on TB 600 and TB 200	A383622
Shaft	9.57" for 8.25" Roller, used on TB 80, TB 105, TB 110 and TB 130	A320056
Shaft	21.5" for 18" Roller, used on TB 80, TB 105 and TB 130	A320058
Triple Bearing	For 19" Roller, used on TB 80, TB 105, TB 110 and TB 130	A320078
Bearing	For Roller 2.5", used on TB 110 and TB 130	A320573
Roller Cradle	Tip Boom, used on TB 80, TB 110 and TB 130	A331394
Roller Cradle	Inner Mid, used on TB 80, TB 110 and TB 130	A331395
Roller Cradle	Outer Mid, used on TB 80, TB 110 and TB 130	A331396
Bracket Roller	Feeder, used on TB 80, TB 105, TB 110 and TB 130	A340077
Bearing Roller	95mm Inner Diameter, used on TB 105, TB 110 and TB 200	A381721



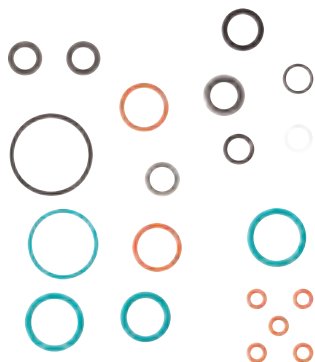
5.6 SCRAPER

Why use a 16" Scraper Blade on an 18" Wide Belt?

Telebelts are equipped with "crowned" pulleys. Slightly crowned (tapered) pulleys allow for easier adjustment when tracking or training the belt. These crowned pulleys leave approximately one inch on each side of the belt that is not flat where an 18" wide scraper would wear out the belt edges prematurely. With a properly tuned and running belt, the material should never reach the outside of the belt so there should be no need to clean there.

Item	Description	Part Number
Head Scraper Blade 16"	For 18" Belt, used on TB 80, TB 105, TB 110 and TB 130	A310693
Head Scraper Skirt	Used on TB 80, TB 105, TB 110 and TB 130	A331737
Scraper Assembly	Head and Feeder, used on TB 80, TB 105, TB 110 and TB 130	A330002
Head Arm Scraper	Right-Hand, used on TB 80, TB 105, TB 110 and TB 130	A320547
Head Arm Scraper	Left-Hand, used on TB 80, TB 105, TB 110 and TB 130	A320545
Scraper Brush	18", used on all Telebelts with Chevron Belts	A561837
T-Handle	Short, used on all Telebelts	A310597
Spring Scraper Conveyor	Used on all Telebelts	A380417
Hair Pin	Large D177" Wire, used on all Telebelts	A380772
Hair Pin	Small, used on all Telebelts	A380539
Scraper	Head Angle, used on all Telebelts	A310244
V-Scraper Assembly	Used on TB 80, TB 110 and TB 130	A340227
Feeder V-Scraper	For A340227, used on TB 80, TB 110 and TB 130	A320551
Scraper	For A340227, used on TB 80, TB 110 and TB 130	A312410
Feeder Scraper Assembly	Used on TB 105	A331738
Head Arm Scraper	Right Hand for A331738, used on TB 105	A320136
Head Arm Scraper	Left Hand for A331738, used on TB 105	A320137
Feeder V-Scraper Assembly	24" Belt, used on TB 600 and TB 200	A308055
Scraper Blade 22"	24" Belt, used on TB 600 and TB 200	A321687





5.7 BOOM CONTROL HYDRAULIC BLOCK

Item	Description	Part Number
Seal Set for Input Module	Used on all Telebelts, each seal set seals 1 valve	471709
Seal Set for MBC Valve to Operate Mode Select and Hydraulic Prop	Used on all Telebelts, each seal set seals 1 valve	471710

5.8 REDUCERS



Item	Description	Part Number
Reducer 8" Outlet	Reducer, used on TB 80, TB 105, TB 110 and TB 130	A341023
Reducer 8" Outlet	Trunk Rubber 8" x 15', used on TB 80, TB 105, TB 110 and TB 130	A381734
Reducer 8" Outlet	Trunk Rubber Bulk by the Foot, used on TB 80, TB 105, TB 110 and TB 130	A380818
Reducer 12" Outlet	Reducer, used on TB 80, TB 105, TB 110, TB 130 and TB 600	A341022
Reducer 12" Outlet	Reducer for 24" Belt, used on TB 600	A340785
Reducer 12" Outlet	Trunk Rubber 12" x 15', used on TB 80, TB 105, TB 110, TB 130 and TB 600	A381735
Reducer 12" Outlet	Trunk Rubber Bulk by the Foot, used on TB 80, TB 105, TB 110 and TB 130	A380819
Reducer 16" Outlet	Reducer, used on TB 600 and TB 200	A340772
Reducer 16" Outlet	Trunk Rubber 16" x 15', used on TB 600 and TB 200	A383630
Reducer 16" Outlet	Trunk Rubber Bulk by the Foot, used on TB 600	A383532

5.9 WIRE ROPES AND CABLES

Item	Description	Part Number
Wire Rope Assembly	5/16", used on TB 80	A320413
Wire Rope	9/16", used on TB 105	A381586
Wire Rope	3/16", used on TB 105	A382021
Wire Rope	9/16", used on TB 110	A321523
Wire Rope	Rear, used on TB 110 and 130	A321524
Wire Rope	Front, used on TB 110 and 130	A321525
Wire Rope	9/16", used on TB 130	A320588
Wire Rope	Rear, used on TB 130	A320589
Wire Rope	Front, used on TB 130	A320590
Wire Rope	1/8", used on TB 80, TB 105, TB 110 and TB 130	A382025
Sheave	8" Outer Diameter, used on TB 105	A381562
Sheave	10" Outer Diameter, used on TB 105	A381563
Sheave	10" Outer Diameter, used on TB 110, TB 130, TB 600 and TB 200	A320572
Sheave	8" Outer Diameter, used on TB 110, TB 130, TB 600 and TB 200	A320571



5.10 HYDRAULIC CYLINDERS

Item	Description	Part Number
Main Cylinder Lift	Used on TB 80	A322536
Main Cylinder Lift	Used on TB 105	A525905
Main Cylinder Lift	Used on TB 110	A316282
Main Cylinder Lift	Used on TB 130 and TBS 130	A316276
Feeder Cylinder Lift	Used on TB 80	A316268
Feeder Cylinder Lift	Used on TB 105	A316008
Feeder Cylinder Lift	Used on TB 110, TB 130 and TB 600	A316278



5.11 HYDRAULIC JACK SET

Putzmeister offers a variety of equipment for tensioning belts and cables.



Item	Description	Part Number
Hand Pump	Used on all Telebelts	A381903
Pressure Gauge Tee	With 2 Valves, used on all Telebelts	A330244
Pressure Gauge	0-400 Bar, used on all Telebelts	017250005
Pressure Gauge	0-60 Bar, used on all Telebelts	016372007
Ram End	Used on all Telebelts	A320003
Ram Collar	Used on all Telebelts	A320997
Ram	Manufacturer Simplex, used on all Telebelts	A330021
Hydraulic Hose	06GH, used on all Telebelts	A340519
Hydraulic Hose	NW 2 x 400mm, used on all Telebelts	063365009
Coupler	M3/8", used on all Telebelts	A382139
Fitting	06MP-06MP, used on all Telebelts	A380191
Fitting	06FQPI-06FP, used on all Telebelts	A382138
Seal Kit	Manufacturer Enerpac, used on all Telebelts	A381900
Seal Kit	Manufacturer Simplex, used on all Telebelts	A381315

5.12 MALE AND FEMALE GUIDE BLOCKS



Item	Description	Part Number
Female Guide Block	Used on all Telebelts	A311706
Retainer	For Female Guide Block , used on TB 80, TB 110, TB 130 and TB 600	A340099
Retainer	For Female Guide Block, used on TB 105	A320614
Male Guide Block	Used on TB 80, TB 110, TB 130 and TB 600	A321022
Retainer	For Male Guide Block, used on TB 80, TB 110, TB 130 and TB 600	A321023
Male Guide Block	Used on TB 105	A310073
Retainer	For Male Guide Block, used on TB 105	A310518
Upper Guide Block	Used on TB 105	A320972
Upper Guide Block	Used on TB 130	A322606
Slide Pad Complete	Used on TB 200	A551935
Pad Side Guide Assembly	Used on TB 200	A322449

5.13 SEAL KITS

Item	Description	Part Number
Seal Kit	For Hydraulic Cylinder Assembly Take up A381773, used on all Telebelts	A381774
Seal Kit	For Danfoss Hydraulic Motor, used for 80ccm and 125ccm Hydraulic Motors	A322353
Seal Kit	Rear for Hydraulic Motor, used for 130ccm, 160ccm, 205ccm and 395ccm Hydraulic Motors	A320522
Seal Kit	Shaft, used for 130ccm, 160ccm, 205ccm and 395ccm Hydraulic Motors	A320523



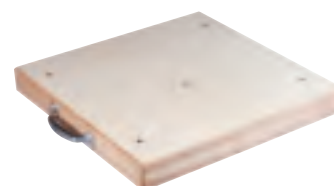
5.14 LAMPS AND SIRENS

Item	Description	Part Number
Lamp	Sealed 2-1/2" Red Marker, used on all Telebelts	A370149
Light LED	Stop Turn and Tail, used on all Telebelts	A370150
Electronic Siren	2 Channel, used on all Telebelts	A382178



5.15 OUTRIGGER PADS

Item	Description	Part Number
Wood 600mm x 600mm x 50mm	Used on all Telebelts	A126017



**5.16 HBC FOR TELEBELT TB RADIO REMOTE 12V 2.4GHZ (A602300) AND
TBS RADIO REMOTE 24V 2.4GHZ (A602301), RADIO SYSTEM TYPE 727**



5.16 HBC FOR TELEBELT TB RADIO REMOTE 12V 2.4GHZ (A602300) AND TBS RADIO REMOTE 24V 2.4GHZ (A602301), RADIO SYSTEM TYPE 727

Item #	Item	Description	Part Number
1	Left Handle	Includes Belt Loop	400951
2	Right Handle	Includes Belt Loop	400952
3	Aluminum Chamfered Washers for Roll Bar		293803001
4	Aluminum Roll Bar		292584004
5	Belt Function Sign		A053140
6	Main Belt Boom Function Sign		A053141
7	Feeder Belt Function Sign		A053142
8	Main and Feeder Control Function Sign		A053139
9	Belt Loop		292461004
10	Belt Loop Nut		043088005
11	Belt Speed Knob		255255008
12	Large Switch Protection Cap		249520008
13	Belt Switch	Soldered in Part	A370038
14	Horn/Outtrigger Switch	Soldered in Part	277940003
15	Feeder Transfer Switch	Soldered in Part	A370033
16	E-Stop Bush Button	Soldered in Part	241401002
17	Small Switch Protection Cap	Soldered in Part	241416000
18	Transmitter Power Switch	Soldered in Part	241415001
19	Water Pump Switch	Soldered in Part	243735006
20	Boom Speed Select Switch	Soldered in Part	292137008
21	Motor Start/Stop and RPM +/- Switches	Soldered in Part	241412004
22	Lower Housing Transmitter	Includes 495536 Battery Compartment	495537
23	Battery Compartment		495536
24	Z Axis Joystick		487160
25	Main Raise and Lower Function Sign		A053143
26	Joystick Knob		466329
27	Joystick Bellow		292129003

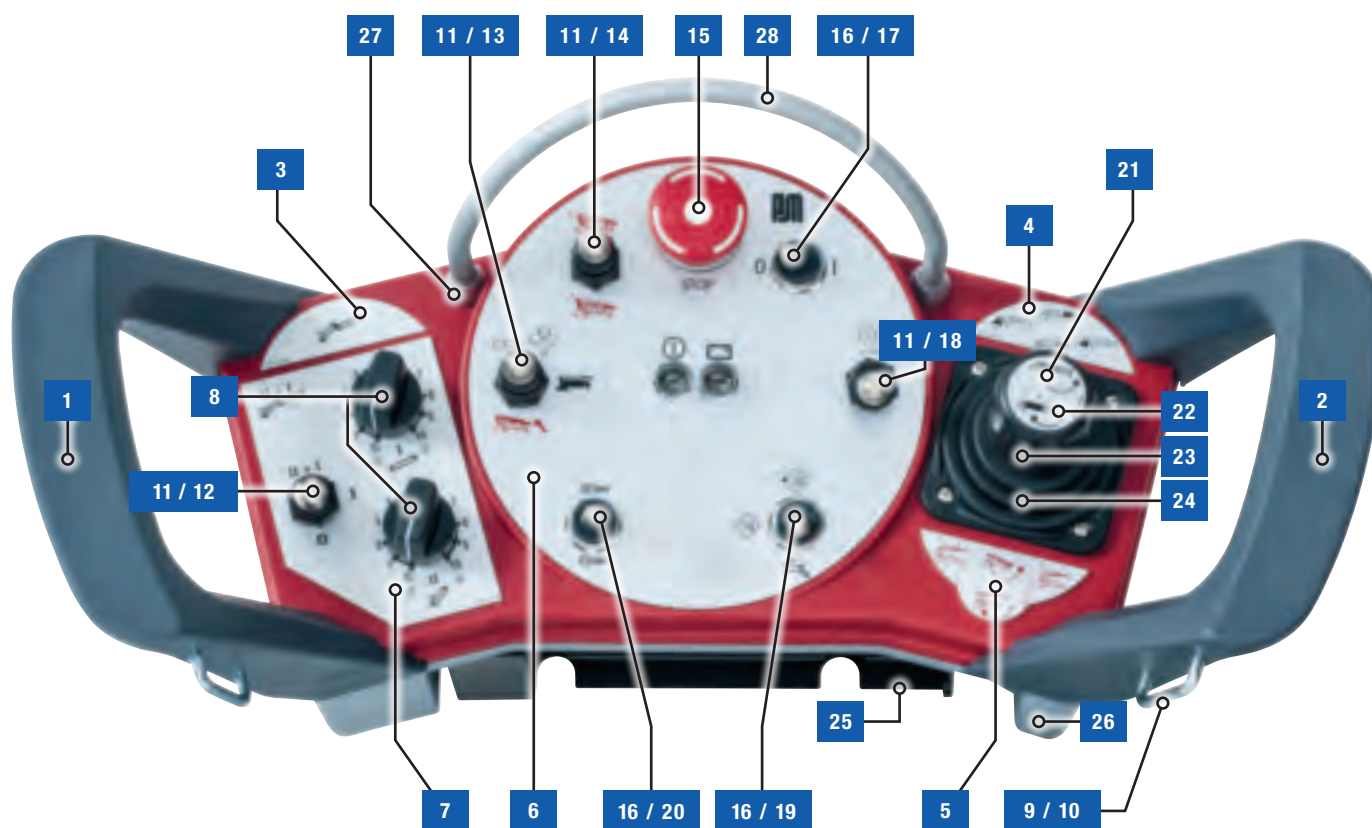
5.17 RECEIVER FOR TELEBELT RADIO TB REMOTE 12V 2.4GHZ (A602300) AND TBS RADIO REMOTE 24V 2.4GHZ (A602301), RADIO SYSTEM TYPE 727



5.17 RECEIVER FOR TELEBELT RADIO TB REMOTE 12V 2.4GHZ (A602300) AND TBS RADIO REMOTE 24V 2.4GHZ (A602301), RADIO SYSTEM TYPE 727

Item #	Item	Description	Part Number
1	Receiver Cable for Connection Housing	Includes 2 Receiver Cable Clips and Gasket	243707005
2	Receiver Cable Clip		479296
3	Connector Insert for Receiver Cable		243704008
4	Connector Insert for Receiver Cable		243705007
5	Antenna Extension Cable	10 meter, used if the radio receiver is mounted inside the toolbox next to main control box	A622364
6	TC 240 Focus Antenna	Please verify Antenna type by matching to the silver label on the bottom of radio transmitter	A601590
7	TC 241 Focus Antenna	Please verify Antenna type by matching to the silver label on the bottom of radio transmitter	A617384
8	TC 240 Magnet Mounted Focus Antenna	Please verify Antenna type by matching to the silver label on the bottom of radio transmitter	A609466
9	TC 241 Magnet Mounted Focus Antenna	Please verify Antenna type by matching to the silver label on the bottom of radio transmitter	A617385

5.18 RADIO HBC TELEBELT REMOTE (A053085), RADIO SYSTEM TYPE 735



5.18 RADIO HBC TELEBELT REMOTE (A053085), RADIO SYSTEM TYPE 735

Item #	Item	Description	Part Number
1	Left Ergo Handle	Includes Belt Loop	400951
2	Right Ergo Handle	Includes Belt Loop	400952
3	Belt Function Sign		A053140
4	Main Belt Function Sign		A053141
5	Feeder Belt Function Sign		A053142
6	Round Function Sign		A053138
7	Main and Feeder Control Function Sign		A053139
8	Belt Speed Knob		255255008
9	Belt Loop		292461004
10	Belt Loop Nut		043088005
11	LG Switch Protection Cap		249520008
12	Belt On/Off Switch	Requires 2 pieces of Capacitor Ceramic A544520, soldered in component	A370038
13	Horn/Outrigger Switch	Requires 2 pieces of Capacitor Ceramic A544520, soldered in component	277940003
14	Feeder Transfer Switch	Requires 2 pieces of Capacitor Ceramic A544520, soldered in component	A370033
15	E-Stop Push Button		241401002
16	Small Switch Protection Cap		241416000
17	Transmitter Power Switch		241504006
18	Motor Stop/Water Pump Switch	Requires 2 pieces of Capacitor Ceramic A544520, soldered in component	249520008
19	User Defined/Rabbit Switch	Requires 2 pieces of Capacitor Ceramic A544520, soldered in component	241503007
20	RPM + / - Switch	Requires 2 pieces of Capacitor Ceramic A544520, soldered in component	241502008
21	3-Axis Joystick		291273002
22	Main Belt Raise and Lower Function Sign		A053143
23	Joystick Knob		466329
24	Joystick Bellow		292129003
25	1 Piece Battery Compartment	Soldered in component	479793
26	Lower Transmitter Housing	Soldered in component, includes 1 piece battery compartment (479793)	401275
27	Aluminum Chamfered Washer for Roll Bar		293803001
28	Aluminum Roll Bar		292584004

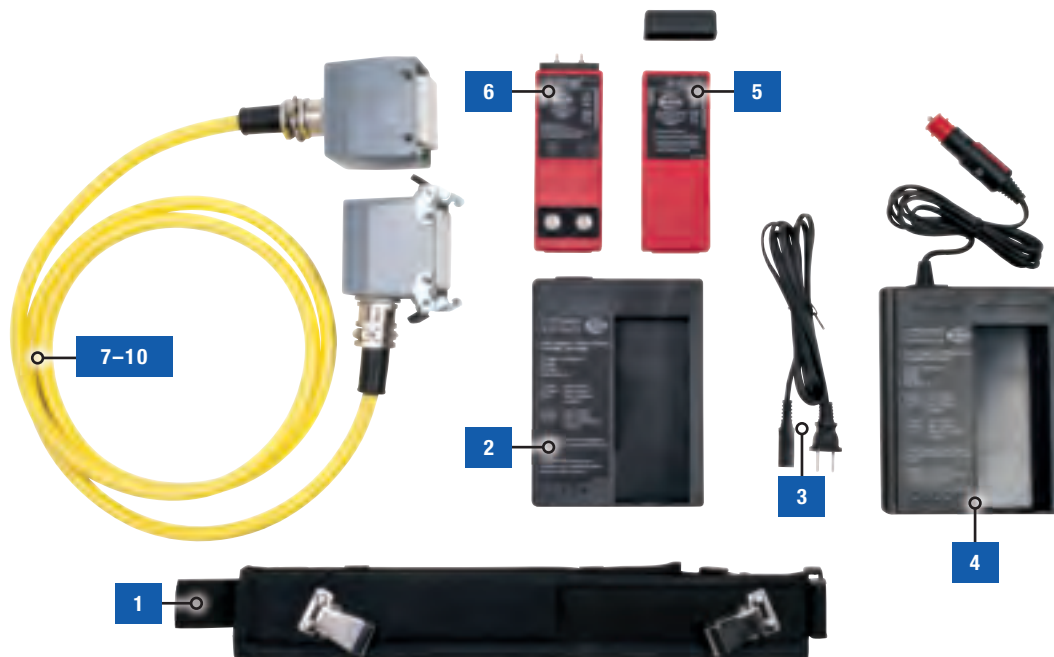
5.19 RECEIVER FOR TELEBELT RADIO REMOTE (A053085), RADIO SYSTEM TYPE 735



5.19 RECEIVER FOR TELEBELT RADIO REMOTE (A053085), RADIO SYSTEM TYPE 735

Item #	Item	Description	Part Number
1	Receiver Cable Connection Housing	Includes 2 pieces of Receiver Cable Clips and Gasket	243707005
2	Receiver Cable Clip		479296
3	Connector Insert	For Receiver Cable	243704008
4	Connector Insert	For Receiver Cable	243705007
5	900MHz FL30 Antenna		406519
6	Receiver Antenna Cable	3 meter, used when Radio Receiver is mounted in the truck cab	434447
7	Receiver Antenna	900 MHz, used when Radio Receiver is mounted in the truck cab	434444
8	Receiver Antenna Port		A053089
9	Neoprene Receiver Gasket		294934005

5.20 RADIO REMOTE ACCESSORIES FOR TELEBELT RADIOS APPLICABLE FOR ALL 727 AND 735 SYSTEM TYPES



Item #	Item	Description	Part Number
1	Waist Belt for Radio Remote	Standard belt that comes in new kits, red and grey.	288778002
2	120V AC Battery Charger	Must be sold with battery charger cable 115V (A534578), plugs into standard wall outlet	A534577
3	120V AC Battery Charger Cord	Must be sold with battery charger 115V (A534577)	A534578
4	10-30V DC Battery Charger with 12V Outlet Connector	Plugs into cigarette lighter	459061
5	HBC 4.2mAh NiMH Battery Pack	Current on all new production	458017
6	HBC 2.1mAh NiMH Teleteach Battery	Is required to adjust Electronic Controlled Boom Speeds on HBC Remotes	496070
7	2.5 Meter Receiver Cable with HAN 32 Pin Ends	Different lengths used for different years depending on radio mounting locations	461552
8	5 Meter Receiver Cable with HAN 32 Pin Ends	Different lengths used for different years depending on radio mounting locations	433760
9	10 Meter Receiver Cable with HAN 32 Pin Ends	Different lengths used for different years depending on radio mounting locations	433765
10	40 Meter Remote Cable with HAN 32 Pin Ends	Not suitable to use as a radio receiver cable, only use for a cable remote application	433776
—	Ergo Waist Belt Extender	Extends standard belt for larger waist sizes	A052497
—	Neck Strap for Ergo Transmitter	Hangs around operator's neck	403322
—	Shoulder Strap	Wraps below and around operators shoulders for comfort	295773003
—	Carrying Belt for HBC Spectrum	Color: Orange	227618000

6.1 SHIP-AWAY KIT FOR ALL TELEBELT MODELS



Description	Part Number
Hydraulic Hose NW 2 x 400mm	063365009
Gauge D63 0-400 bar	017250005
Gauge D63 0-60 bar	016372007
Gauge on Hose R 1/4"	063358003
Head Scraper Blade, 18" Belt	A310693
T-Handle Short	A310597
Ram End	A320003
Tray, Hydraulic Jack Kit	A320022
Collar for Hydraulic Jack	A320997
Cylinder Modification Assembly	A330021
Section Valve	A330244
Hydraulic Hose 06GH781HH072	A340519
Fitting 06MP-06MP	A380191
Hand Pump	A381903
Fitting 06FQPI-06FP	A382138
Coupler M 3/8" H3-63	A382139
Pin Pull 3/8" DIA 2.3	A382257
Pin Pull 5/8" DIA 2.5	A382261
Tremie Lock-up Assembly	A320037
Chain, Binder 5/16"	A321634
Pin Hair Small	A380539
Pin Hair Large D.177	A380772

Description	Part Number
Grease Cartridge Mobile	A381028
Sprayer 3.5 Gallon	A381277
Hose and Fitting Kit, New Style	A381280
Tool Kit for Tool Box	A381281
Tarp 9'-6" x 11'-4" Blue	A381609
Broom Metal Cap with Wood Handle	A381610
Trunk Rubber 8" X 15'	A381734
Trunk Rubber 12" X 15'	A381735
Strap Assembly, Die Down Ratchet	A382020
Shackle with Hitch Pin	A382089
Lever Grease Gun with Hose	000211006
Safety Helmet with PM Logo, Yellow	064626006
Tie Down Rubber 6-1/4	A382254
Chain Maintenance Kit	A309710
Filter Element 10μ Nominal	222895006
Filter Element 10μ	273827007
Filter Element 10μ 80l/min	223192009
Chain and Cable Lube	A383485
Oil Drain Hose M26 x 1	482494
Oil Drain Hose M22 x 1	429043

Custom Parts Solutions for Your Specific Project need

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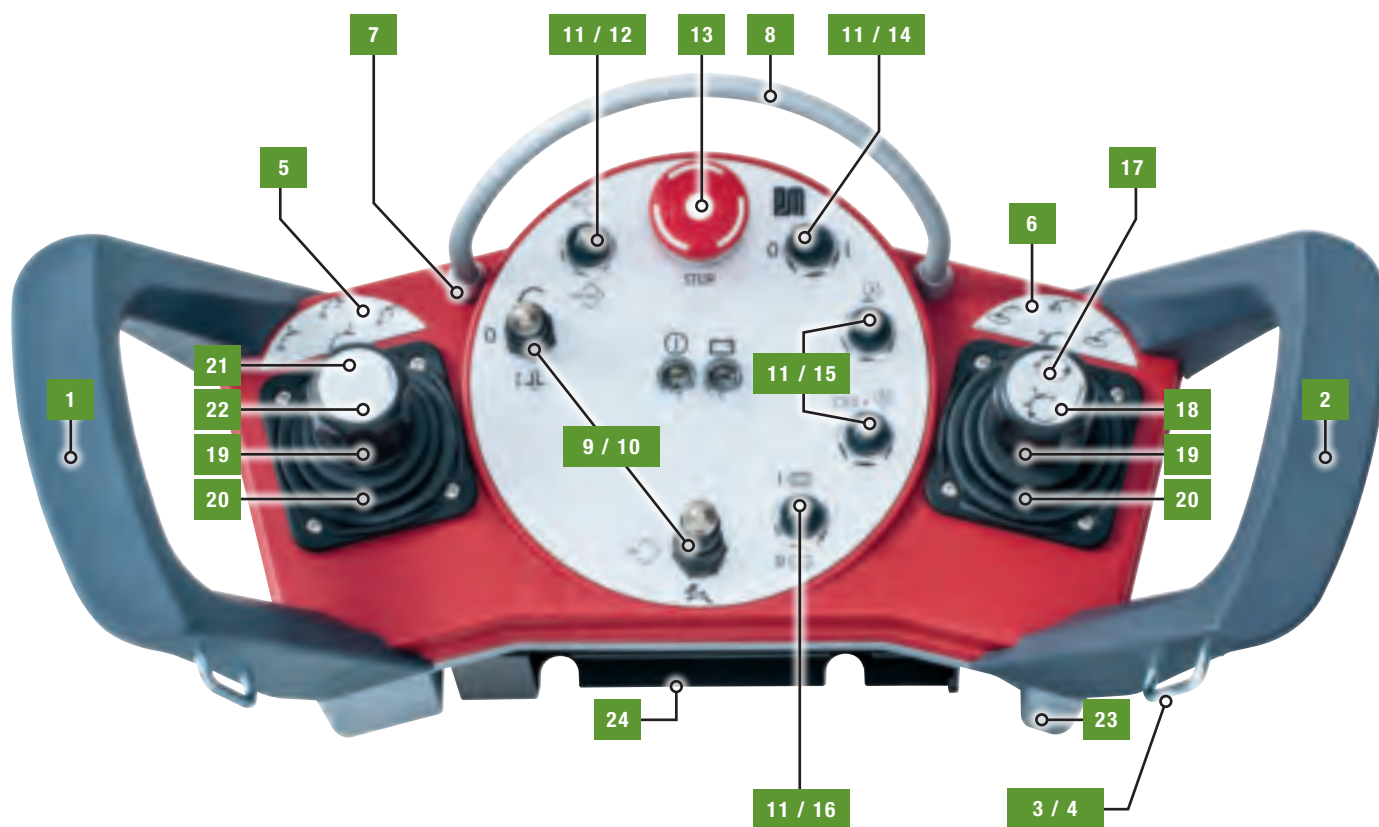
Contact Putzmeister's Customer Support Group at (800) 890-0269 or PartsOrders@putzam.com to learn more.

Please have your serial number on hand.



7 Placing Boom

7.1 RADIO REMOTE CONTROL (A602309) FOR PLACING BOOMS, CURRENT PRODUCTION 4 ARM, RADIO SYSTEM TYPE 727

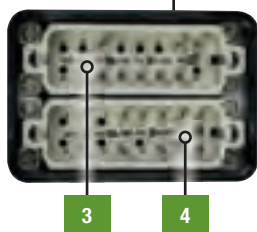


7.1 RADIO REMOTE CONTROL (A602309) FOR PLACING BOOMS, CURRENT PRODUCTION 4 ARM, RADIO SYSTEM TYPE 727

Item #	Item	Description	Part Number
1	Handle Left Side	Includes belt loop	400951
2	Handle Right Side	Includes belt loop	400952
3	Belt Loop	Does not included nut (043088005)	292461004
4	Belt Loop Nut		043088005
5	Decal for C-D Section		292010002
6	Decal for A-Slew Boom		292011001
7	Roll Bar Chamfered Washer		293803001
8	Aluminum Roll Bar		292584004
9	Large Switch Protection Cap		249520008
10	Boom/Jack -- Snail/Rabbit Switches	Soldered in part	418164
11	Small Switch Protection Cap		241416000
12	User Defined Set Switch	Soldered in part	241502008
13	E-Stop Button	Soldered in part	241401002
14	TX Power Switch	Soldered in part	241415001
15	Pump Switch/Horn Switch	Soldered in part	241505005
16	Motor Start/Stop Switch	Soldered in part	241412004
17	3-axis Joystick		487160
18	Decal for B-Section		401799
19	Joystick Knob	Held in by snap ring base	466329
20	Joystick Bellow		292129003
21	2-axis Joystick		487161
22	Blank Aluminum Function Sign		401808
23	Lower Housing		A611340
24	1 Piece Battery Compartment		495536

7 Placing Boom

7.2 RECEIVER (A602309) FOR PLACING BOOMS WITH RADIO SYSTEM TYPE 727

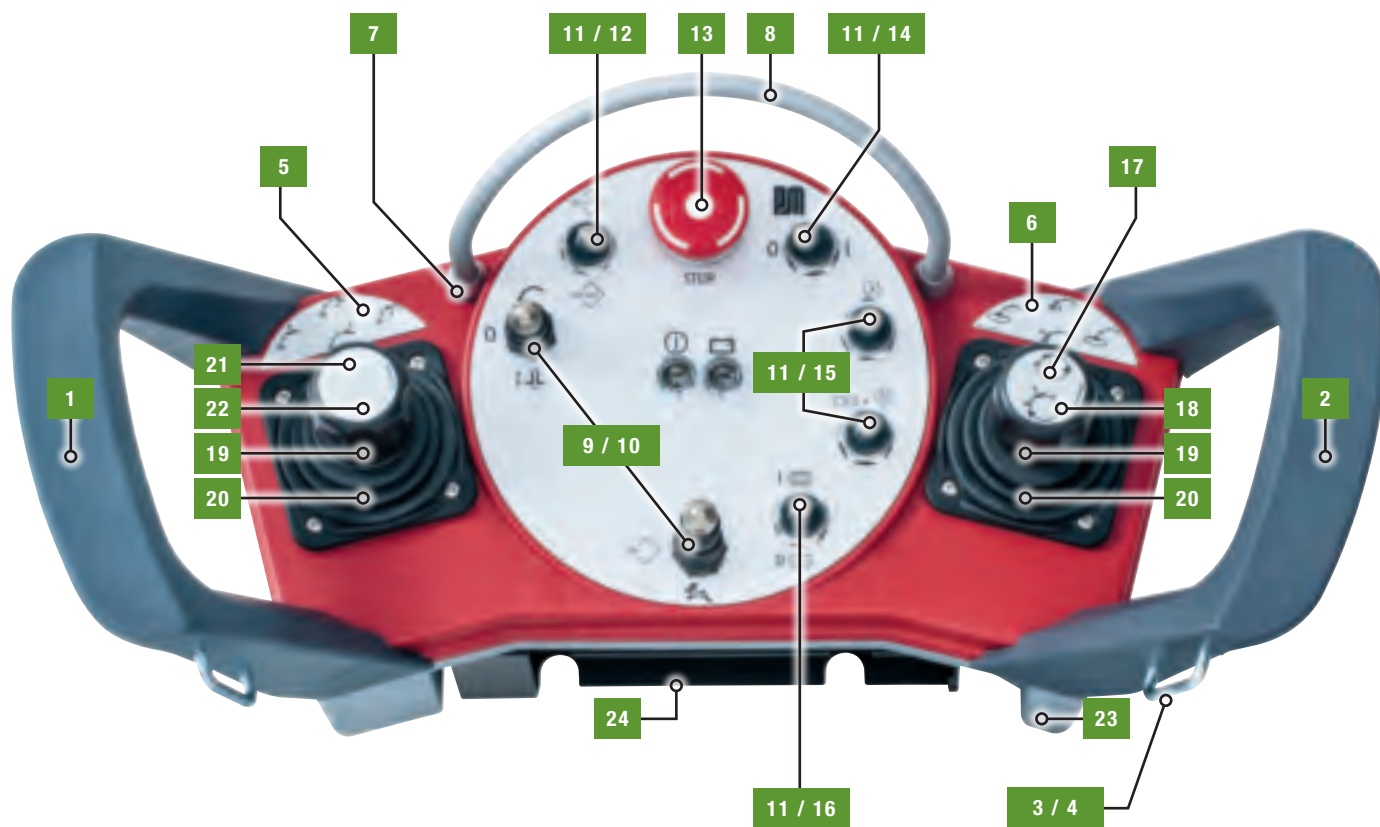


7.2 RECEIVER (A602309) FOR PLACING BOOMS WITH RADIO SYSTEM TYPE 727

Item #	Item	Description	Part Number
1	Receiver Cable Connection Housing	Includes 2 locking clamps (479296) and gasket	243707005
2	Locking Clamp		479296
3	1-16 Receiver Cable Connector Insert		243704008
4	17-32 Receiver Cable Connector Insert		243705007
5	Cable	10 meter, Used if the radio receiver is mounted inside of the toolbox next to main control	A622364
6	TC 240 Mount Focus Antenna	Please verify antenna type by matching to the silver label on the bottom of radio transmitter	A601590
7	TC 241 Mount Focus Antenna	Please verify antenna type by matching to the silver label on the bottom of radio transmitter	A617384
8	TC 240 Magnet Mount Focus Antenna	Please verify antenna type by matching to the silver label on the bottom of radio transmitter	A609466
9	TC 241 Magnet Mount Focus Antenna	Please verify antenna type by matching to the silver label on the bottom of radio transmitter	A617385
10	Battery Charger Cable	115V AC	A534578
11	Power Converter	For battery charger	A523734

7 Placing Boom

7.3 ERGO TRANSMITTER (437088) FOR PLACING BOOMS WITH RADIO SYSTEM TYPE 735



7.3 ERGO TRANSMITTER (437088) FOR PLACING BOOMS WITH RADIO SYSTEM TYPE 735

Item #	Item	Description	Part Number
1	Handle Left Side	Includes belt loop	400951
2	Handle Right Side	Includes belt loop	400952
3	Belt Loop	Does not include nuts (043088005)	292461004
4	Belt Loop Nut		043088005
5	Decal for C-D Section		292010002
6	Decal for A-Slew Boom		292011001
7	Roll Bar Chamfered Washer		293803001
8	Aluminum Roll Bar		292584004
9	Large Switch Protection Cap		249520008
10	Boom/Jack - Snail/Rabbit Switches	Soldered in part	418164
11	Small Switch Protection Cap		241416000
12	User Defined Set Switch	Soldered in part	241502008
13	E-Stop Button	Soldered in part	241401002
14	TX Power Switch	Soldered in part	241504006
15	Pump Switch/Horn Switch	Soldered in part	241505005
16	Motor Start/Stop Switch	Soldered in part	241502008
17	3-axis Joystick		291273002
18	Decal for B-Section		401799
19	Joystick Knob	Held in by snap ring at base	466329
20	Joystick Bellow		292129003
21	2-axis Joystick		292116003
22	Blank Aluminum Function Sign		401808
23	Lower Housing	Soldered in part	401275
24	1 Piece Battery Compartment	Soldered in part	479793

7 Placing Boom

7.4 RADIO REMOTE RECEIVER PARTS (437088) FOR RADIO SYSTEM TYPE 735



Item #	Item	Description	Part Number
1	Receiver Cable Connection Housing	Includes 2 locking clamps (479296) and gasket	243707005
2	Locking Clamp		479296
3	1-16 Receiver Cable Connector Insert		243704008
4	17-32 Receiver Cable Connector Insert		243705007
5	900MHz FL30 Antenna		406519
6	Cable	3 Meter, Used when radio receiver is mounted in the truck cab	434447
7	Roof Mount Receiver Antenna 900 MHz	Used when radio receiver is mounted in the truck cab	434444
8	Receiver Antenna Port		A053089
9	Neoprene Receiver Gasket		294934005
10	Battery Charger Cable	115V AC	A534578
11	Power Converter	For battery charger	A523734

7.5 RADIO REMOTE ACCESSORIES — APPLICABLE FOR ALL 735 AND 727 RADIO SYSTEM TYPES



Item #	Item	Description	Part Number
1	Waist Belt for Ergo Transmitter	Standard belt that comes with new kits	288778002
2	120VAC Battery Charger	Must be sold with a Battery Charger Cable 115V (A534578)	A534577
3	120VAC Charger Cord	Must be sold with Battery Charger 115V (A534577)	A534578
4	10-30VDC Battery Charger with 12V Outlet Connector		459061
5	HBC 4.2 mAh NiHM Battery Pack	Current on all new production	458017
6	HBC 2.1 mAh NiHM Teleteach Battery	Is required to adjust electronic controlled boom speeds on HBC Remotes	496070
7	Receiver Cable with HAN 32 Pin Ends	2.5 meter, Different lengths used in different years depending on radio mounting locations	461552
8	Receiver Cable with HAN 32 Pin Ends	5 meter, Different lengths used in different years depending on radio mounting locations	433760
9	Receiver Cable with HAN 32 Pin Ends	10 meter, Different lengths used in different years depending on radio mounting locations	433765
10	Remote Cable with HAN 32 Pin Ends	40 meter, Not suitable to use as a radio receiver cable. Only use for a cable remote application	433776
—	Waist Belt Extender	Extends standard belt for larger waist sizes	A052497
—	Transmitter Neck Strap	Hangs around operator's neck	403322
—	Shoulder Strap	Wraps below and around operator's shoulders for comfort	295773003

Parts for BSA Trailer Pumps

Putzmeister BSA Trailer Pumps deliver superb, powerful performance over a long lifespan. They provide smooth and reliable pumping, superior durability, unbeatable flexibility and exceptional convenience to meet the needs of even your most demanding job.

Extend the life of your machine with our thorough selection of genuine parts. Between the engine, pump, hydraulics, electrical components and wear parts, we've got the assets you need, no matter the model.





8.1 BSA 100 PARTS

Item	Description	Part Number
Engine		
Fuel Filter	Deutz TCD2012L062V	A950171
Oil Filter	Deutz TCD2012L062V	A950166
Fuel Filter Water Element	Deutz TCD2012L062V	A561792
Air Filter Element - Primary	Deutz TCD2012L062V	A950156
Air Filter Element - Secondary	Deutz TCD2012L062V	A950168
Muffler	Deutz TCD2012L062V	A950096
Elbow Exhaust Stack	4" 85°	A508699
Rain Cap Air Filter	Deutz TCD2012L062V	A950159
Fuel Cap Diesel with Gauge		A017047
Pumps		
Hydraulic Pump - Main	K3VL140	A012069
Hydraulic Pump - Accumulator/Agitator	R 11/11 SAE A 9T AZP	A013043
Hydraulic Components		
Valve Flow Control		AT311936
Bladder Kit Hydac with Seal Set	For Accumulator AT311944	AT311945
Seal Kit	For Plunger Cylinder D160mm x 60mm	A262840008SK
Filter Element	Beta Synthetic	AT311660
Filler Breather Cap	5 psi	A029188
Oil Level Gauge with Thermometer		AT311934
Thermometer	For AT311934	AT312763
Pressure Gauge	3000 psi	AT312777
Pressure Gauge	6000 psi	AT312776
Pressure Gauge	43 psi Bypass 1/8" NPT	A041362
Set of Seals	For Agitator Motor	502156

8.1 BSA 100 PARTS

Item	Description	Information	Part Number
Electrical			
Proximity Switch	M12mm x 1mm 10-32VDC	Common	270321001
Harness Emergency Stroke Change		Common	A052274
Solenoid Coil	12V NG6	Common	267378009
Vibrator	12VDC 3000RPM with Plug Fc=100KG	Common	459826
Hopper Grate Switch	230V 4A Special	Common	452208
Key, Switch Complete	With 2 Keys	Without EGD	A052722
Engine Gauge	RPM	Without EGD	A052484
Engine Temperature Gauge	120-300F	Without EGD	A052939
Relay	12V Changeover, Black	Without EGD	065033009
Relay	12V Mini 111	Without EGD	066638005
Relay	12V Stepping	Without EGD	278494008
Relay	12V K238	Without EGD	247108008
Diode	Zener	Without EGD	454588
Display	Deutz	Without EGD	471007
Display	EGD	With EGD	528072
Relay	12V 8A K97	With EGD	602154
Relay	12V 30/50A SPDT with Diode	With EGD	A628363
Relay	12V 70A SPNO with Resistor	With EGD	A628364
Relay	12V 12A SPDT with Diode	With EGD	A628365
Wear Parts			
Delivery Cylinder	D200mm x 1400mm		240112004
Delivery Piston Seal	D200mm		080372004
Delivery Piston Guide Ring	D200mm x 180mm x 40mm		080794006
S-Valve	S2015		251341000
Thrust Ring	D200mm x 220 mounted without Spacer		252898002
Wear Ring	ND200ZI220 DUR022		251031006
Spectacle Wear Plate	ND200/260 540 DUR022		229488005
Bearing Flange	D60mm open with O-Ring		242572008
Mixer Shaft	Center D45mm x 880mm x 840mm		264020004
Mixer Shaft	End for Hopper RS 905/907 60mm		275587002
Washer	D9mm x 55mm x 12mm		055916000
Mixer Paddle	Left hand for Hopper RS 905A		441540
Mixer Paddle	Right hand for Hopper RS 905A		441541
Rubber Buffer	For Hopper Grate		432235
Rubber Buffer	D40mm x 30mm M8mm x 23mm		002257000
Round Cord	D15mm NBR70		233915001





8.2 BSA 120 PARTS

Item	Description	Part Number
Engine		
Fuel Filter	Deutz TCD2012L062V	A950171
Oil Filter	Deutz TCD2012L062V	A950166
Fuel Filter Water Element	Deutz TCD2012L062V	A561792
Air Filter Element - Primary	Deutz TCD2012L062V	A950156
Air Filter Element - Secondary	Deutz TCD2012L062V	A950168
Muffler	Deutz TCD2012L062V	A950096
Elbow Exhaust Stack	4" 85°	A508699
Rain Cap Air Filter	Deutz TCD2012L062V	A950159
Fuel Cap Diesel with Gauge		A017047
Pumps		
Hydraulic Pump - Main	R A4VG140HD	436149
Hydraulic Pump - Accumulator	R 13.0 A10V28(13)DR	067370003
Hydraulic Pump - Agitator	R 14.0 HY/ZFS 11/14	235383000
Hydraulic Components		
Valve Flow Control	12V	244512008
Bladder Kit Hydac with Seal Set	For Accumulator AT311944	AT311945
Seal Kit	For Plunger Cylinder D160mm x 60mm	A262840008SK
Suction Filter Element	10μ	294073005
Filter Element	10μ 80 l/min dp=20bar	223192009
Filler Breather Cap	5 psi	A029188
Oil Level Gauge with Thermometer		AT311934
Thermometer	For AT311934	AT312763
Pressure Gauge	1000 psi	A029043
Pressure Gauge	6000 psi	AT312776
Vacuum Gauge		244084002
Set of Seals	For Agitator Motor	502156

8.2 BSA 120 PARTS

Item	Description	Information	Part Number
Electrical			
Proximity Switch	M12mm x 1mm 10-32VDC	Common	270321001
Harness Emergency Stroke Change		Common	AT134931
Solenoid Coil	12V NG6	Common	267378009
Solenoid Coil	12V NG10	Common	245363007
Replacement Fan for Hydraulic Oil Cooler	12V	Common	A519887
Vibrator	12VDC 3000RPM with Plug Fc=100KG	Common	459826
Hopper Grate Switch	230V 4A Special	Common	452208
Key, Switch Complete	With 2 Keys	Without EGD	A052722
Engine Gauge	RPM	Without EGD	A052484
Engine Temperature Gauge	120-300F	Without EGD	A052939
Relay	12V Changeover, Black	Without EGD	065033009
Relay	12V Mini 111	Without EGD	066638005
Relay	12V Stepping	Without EGD	278494008
Relay	12V K238	Without EGD	247108008
Diode	Zener	Without EGD	454588
Display	Deutz	Without EGD	471007
Display	EGD	With EGD	528072
Relay	12V 8A K97	With EGD	602154
Relay	12V 30/50A SPDT with Diode	With EGD	A628363
Relay	12V 70A SPNO with Resistor	With EGD	A628364
Relay	12V 12A SPDT with Diode	With EGD	A628365
Wear Parts			
Delivery Cylinder	D200mm x 1400mm		240112004
Delivery Piston Seal	D200mm		080372004
Delivery Piston Guide Ring	D200mm x 180mm x 40mm		080794006
S-Valve	S2015		251341000
Thrust Ring	D200mm x 220mm mounted without Spacer		252898002
Wear Ring	ND200ZI220 DURO22		251031006
Spectacle Wear Plate	ND200/260 540 DURO22		229488005
Bearing Flange	D60mm open with O-Ring		242572008
Mixer Shaft	Center D45mm x 880mm x 840mm		264020004
Mixer Shaft	End for Hopper RS 905/907 60mm		275587002
Washer	D9mm x 55mm x 12mm		055916000
Mixer Paddle	Left hand for Hopper RS 905A		441540
Mixer Paddle	Right hand for Hopper RS 905A		441541
Rubber Buffer	For Hopper Grate		432235
Rubber Buffer	D40mm x 30mm M8mm x 23mm		002257000
Round Cord	D15mm NBR70		233915001





8.3 BSA 2109H-D PARTS

Item	Description	Part Number
Engine		
Air Filter Element		264643009
Muffler		065562004
Pumps		
Hydraulic Pump - Main	R A4VG180EP0	511206
Hydraulic Pump - Accumulator	R A10V28(21)DR	255200008
Hydraulic Pump - Agitator	R HY/ZFFS 11/14	246161004
Hydraulic Components		
Tank Cap		019291004
Bladder	For Hydraulic Accumulator 10L, NBR	064021009
Gas Valve Insert		265901009
O-Ring	7.5mm x 2mm NBR70	283880005
Protection Cap	For Hydraulic Accumulator, Plastic	415408
Plunger Cylinder	D160mm x 80mm	402244
Suction Filter Element	10μ	222895006
Filter Element	10μ 80 l/min dp=20bar	223192009
Oil Level Gauge		257002000
Pressure Gauge	250 bar	016373006
Pressure Gauge	600 bar	527005
Pressure Gauge	60 bar	016372007
Vacuum Gauge	-0.8 - 1bar	060440008
Oil Temp Sensor	4-20MA	453554
Set of Seals	For Agitator Motor	502156
Piston Rod	D80mm x 160mm	402268
Guide Ring	D81mm x 76mm	278905005
Rod Guide Ring	D80mm x 85mm x 24.5mm	252054008
Support Ring	80mm x 5.10mm x 1.5mm	225750009
Lip Seal Ring	D80mm x 90mm x 12mm	252051001
Scraper Ring	D80mm x 88mm x 7mm	061201000
O-Ring	90mm x 3mm NBR90	289002007
Hex. Socket Screw	M8 x 20mm	031830003

8.3 BSA 2109H-D PARTS

Item	Description	Part Number
Electrical		
Proximity Switch	M12mm x 1mm 10-32VDC	270321001
Solenoid Coil	24V NG6	561718
Fan for Hydraulic Oil Cooler	24V	283589005
Vibrator	24VDC 3000RPM	532745
Hopper Grate Switch	230V 4A Special	452208
Ignition Switch		295760003
Relay	24V 20/30A with Resistor	269463006
Relay	24V 8A	274147003
Relay	24V 30/50A	065034008
Display	EGD	439338
Wear Parts		
Delivery Cylinder	D200mm x 2100mm	022051008
Delivery Piston Seal	D200mm	080372004
Delivery Piston Guide Ring	D200mm x 180mm x 40mm	080794006
Wear Parts Hopper		
S-Valve	S2015	513375
Thrust Ring	D200mm x 220mm mounted without Spacer	252898002
Wear Ring	Carbide ND200ZI220	531240
Clamping Plate	Carbide	275608004
Wear Insert	Carbide ND200/260	485385
Flange	D60 for Agitator Mount	484731
Bushing	60mm x 65mm x 40mm	222484006
Rubber Disc	140mm x 56mm x 8mm	242574006
Lip Seal Ring	60mm x 70mm x 12mm	065345001
O-Ring	65mm x 4mm NBR70	016323001
Mixer Shaft	Center for Hopper RS905 60mm	243189005
Mixer Shaft	End for Hopper RS 905/907 60mm	275587002
Washer	D9mm x 55mm x 12mm	055916000
Conveying Screw	Left hand for Hopper RS 905	239952000
Conveying Screw	Right hand for Hopper RS 905	239953009
Rubber Buffer	For Hopper Grate	432235
Rubber Buffer	40mm x 30mm NBR60	042587002
Round Cord	D15mm NBR70	233915001
Radio Remote		
Radio Kit	For BSA with EPS	A570852



8.4 BSA 2110HP-D PARTS

Item	Description	Part Number
Engine		
Air Filter Element - Primary		A581411
Air Filter Element - Secondary		A581412
Muffler		475398
Level Sensor Diesel Tank		479953
Pumps		
Hydraulic Main Pump - Front	R A4VG180EP0	511208
Hydraulic Main Pump - Rear	R A4VG180EP0	534539
Hydraulic Pump - Accumulator	R 13 A10V018(13)DR	527945
Hydraulic Pump - Agitator	R 11cm ³ /11cm ³	587427
Hydraulic Components		
Tank Cap		211373005
Bladder for Hydraulic Accumulator	10L	064021009
Suction Filter Element	10μ	558150
Filter Element	10μ 80 l/min dp=20bar	223192009
Oil Level Gauge		257002000
Pressure Gauge	600 bar	527005
Pressure Gauge	250 bar	016373006
Pressure Gauge	60 bar	016372007
Vacuum Gauge	-0.8 - 1bar	060440008
Oil Temp Sensor	4-20MA	453554
Set of Seals	For Agitator Motor	502156
Piston Rod	D80mm x 160mm	402268
Guide Ring	D81mm x 76mm	278905005
Rod Guide Ring	D80mm x 85mm x 24.5mm	252054008
Support Ring	D80mm x 5.10mm x 1.5mm	225750009
Lip Seal Ring	D80mm x 90mm x 12mm	252051001
Scraper Ring	D80mm x 88mm x 7mm	061201000
O-Ring	90mm x 3mm NBR90	289002007
Hex. Socket Screw	M8 x 20mm	031830003



8.4 BSA 2110HP-D PARTS

Item	Description	Part Number
Electrical		
Proximity Switch	M12mm x 1mm 10-32VDC	270321001
Solenoid Coil	24V NG6	561718
Solenoid Coil	24V NG10	602519
Fan for Hydraulic Oil Cooler	24V	283589005
Vibrator	24VDC 3000RPM	532745
Transponder	RFID Switch	531793
Hopper Grate Switch	RFID Actuator	534958
Ignition Switch		295760003
Relay	24V 20/30A with Resistor	269463006
Relay	24V 8A	274147003
Relay	24V 10/20A	065034008
Display	EGD	439338
Wear Parts		
Delivery Cylinder	D200mm x 2100mm	255591005
Delivery Piston Seal	D200mm	080372004
Delivery Piston Guide Ring	D200mm x 180mm x 40mm	080794006
Wear Parts Hopper		
S-Valve	S2015	513375
S-Valve Shaft Bearing	D90mm with Wear Sleeve	274893001
Thrust Ring	D200mm x 220mm mounted without Spacer	252898002
Wear Ring	Carbide ND200ZI220	531240
Clamping Plate	Carbide	275608004
Wear Insert	Carbide ND200/260	485385
Bearing Flange	Closed	203848001
Bushing	40.7mm x 64.5mm x 40mm with Groove	202791007
Rubber Disc	140mm x 36mm x 8mm NBR	210304004
Mixer Shaft	Center for Hopper RS905 60mm	243189005
Mixer Shaft	End for Hopper RS 905/907 60mm	275587002
Washer	D9mm x 55mm x 12mm	055916000
Conveying Screw	Left hand for Hopper RS 905	239952000
Conveying Screw	Right hand for Hopper RS 905	239953009
Rubber Buffer	For Hopper Grate	432235
Rubber Buffer	40mm x 30mm NBR60	042587002
Round Cord	D15mm NBR70	233915001
Hopper Door	For RS 400, RS 600, RS 900 Hoppers	242334000
Radio Remote		
Radio Kit	For BSA with EPS	A570852



8.5 BSA 14000HP PARTS

Item	Description	Part Number
Engine		
Air Filter Element - Primary		A581411
Air Filter Element - Secondary		A581412
Muffler		475398
Pumps		
Hydraulic Main Pump - Front	R A4VG180EP0	511213
Hydraulic Main Pump - Rear	R A4VG180EP0	511206
Hydraulic Pump - Accumulator	A10V28(21)DR (R)	255200008
Hydraulic Pump - Agitator	R 11cm³/11cm³	587427
Hydraulic Components		
Tank Cap		019291004
Bladder for Hydraulic Accumulator	10L	064021009
Suction Filter Element	10µ 170l/min	558153
Filter Element	10µ 80 l/min dp=20bar	223192009
Pressure Gauge	600 bar	527005
Pressure Gauge	250 bar	016373006
Pressure Gauge	60 bar	016372007
Vacuum Gauge	-0.8 - 1bar, Rear Fitting	244084002
Oil Temp Sensor	4-20MA	453554
Set of Seals	For Agitator Motor	502156
Piston Rod	D80mm x 160mm	402268
Guide Ring	D81mm x 76mm	278905005
Rod Guide Ring	D80mm x 85mm x 24.5mm	252054008
Support Ring	80mm x 5.10mm x 1.5mm	225750009
Lip Seal Ring	D80mm x 90mm x 12mm	252051001
Scraper Ring	D80mm x 88mm x 7mm	061201000
O-Ring	90mm x 3mm NBR90	289002007
Hex. Socket Screw	M8mm x 20mm	031830003



8 BSA Trailer Pump

8.5 BSA 14000HP PARTS

Item	Description	Part Number
Electrical		
Proximity Switch	M12mm x 1mm 10-32VDC	270321001
Solenoid Coil	24V NG6	561718
Solenoid Coil	24V NG10	602519
Fan for Hydraulic Oil Cooler	24V	283589005
Vibrator	24VDC 3000RPM	532745
Transponder	RFID Switch	531793
Hopper Grate Switch	RFID Actuator	534958
Ignition Switch		295760003
Relay	24V 20/30A with Resistor	269463006
Relay	24V 8A	274147003
Display	EGD	439338
Wear Parts		
Delivery Cylinder	D200mm x 2100mm	255591005
Delivery Piston Seal	D200mm	080372004
Delivery Piston Guide Ring	D200mm x 180mm x 40mm	080794006
Wear Parts Hopper		
S-Valve	S1812D9	274869006
S-Valve Shaft Bearing	D90mm with Wear Sleeve	274893001
Thrust Ring	Mounted without Spacer Disc	249304004
Wear Ring	DN180 Carbide	269759008
Clamping Plate	Carbide	275604008
Wear Insert	ND200/260 Carbide	509425
Bearing Flange		484731
Bushing	60mm x 65mm x 40mm with Groove	222484006
Rubber Disc	140mm x 56mm x 8mm NBR	242574006
Mixer Shaft	Center for Hopper RS 905 60mm	243189005
Mixer Shaft	End for Hopper RS 905/907 60mm	275587002
Washer	D9mm x 55mm x 12mm	055916000
Conveying Screw	Left hand for Hopper RS 905	239952000
Conveying Screw	Right hand for Hopper RS 905	239953009
Rubber Buffer	For Hopper Grate	042587002
Rubber Buffer	40mm x 30mm NBR60	432235
Round Cord	D15mm NBR70	233915001
Hopper Door	For RS 400, RS 600, RS 900 Hoppers	242334000
Radio Remote		
Radio Kit	For BSA with EPS	A570852



8 BSA Trailer Pump

9.1 Service School



Classroom Lessons You Can Take to the Field

We want to make sure you get the most from your Putzmeister equipment.

To maximize the use and profitability of your investment, take advantage of the regular training seminars at our Wisconsin headquarters. Service Schools cover maintenance, operation and inspection of boom pumps, Telebelts, and Thom-Katts. Schools include:

- Practical hands-on training.
- Problem-solving exercises.
- Dynamic hands-on presentations.
- Safety training.

Please register at least four weeks in advance to guarantee hotel availability.

To register, visit PutzmeisterAmerica.com, and click on the “Service Schools” tab under “Service & Support.”

Contact the Putzmeister Customer Support Group with any questions either by e-mail serviceschool@putzam.com or call (800) 890-0269.



9.2 Steady End Hose



The Steady End Hose – Better Safe Than Sorry

- Significantly less deflection
- Risk of injury minimized
- Smoother work at the end hose
- Less wear

Steady end hose	Part number
125 / 5.5" 3m	480550
125 / 5.5" 4m	480549
100 / 4.5" 3m	480548
100 / 4.5" 4m	476899

Steady end hose Variants	Part number
Variant 3m (1m + 2m)	589666
End Hose SH 125=5.5"Z x 2000 Special	
Variant 4m (1.5m + 2.5m)	589668
End Hose SH 125=5.5"Z x 2500 Special	
Variant 4m (1m + 3m)	589669
End Hose SH 125=5.5"Z x 3000 Special	

Pneumatic squeeze valve	Part number
EQV DN 125	542004



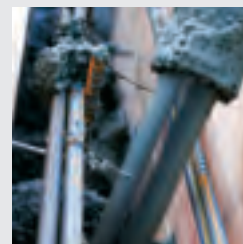
Less Deflection, More Safety – The New Steady End Hose

The Steady End Hose helps reduce the risk of injury when placing concrete with booms. A wealth of experience gained in the field led to further development and improvement to the Steady End Hose.

Previously, a concrete end hose responded to uncontrolled changes in pressure in the concrete (caused by air pockets or the release of a blockage) with violent sideways movement. With the new, stabilized Steady End Hose, this unforeseeable deflection, which in certain circumstances may pose a risk of injury, is substantially reduced. The improved design of the reinforcing fabric minimizes the risk of injury and carries out concrete distribution in a way that protects the hose man. At the same time Putzmeister has improved the wear behavior.

Accessories Variants: Safe, Clean, Steady End Hose

The benefits that Putzmeister end hose accessories provide are also available in conjunction with the Steady End Hose. By using the Steady End Hose, working safety is increased above legal regulations.



Divided End Hose + EQV + Steady End Hose

The combination of end hose accessories and Steady End Hose provides you with the ideal combination of safety, speed and precision.

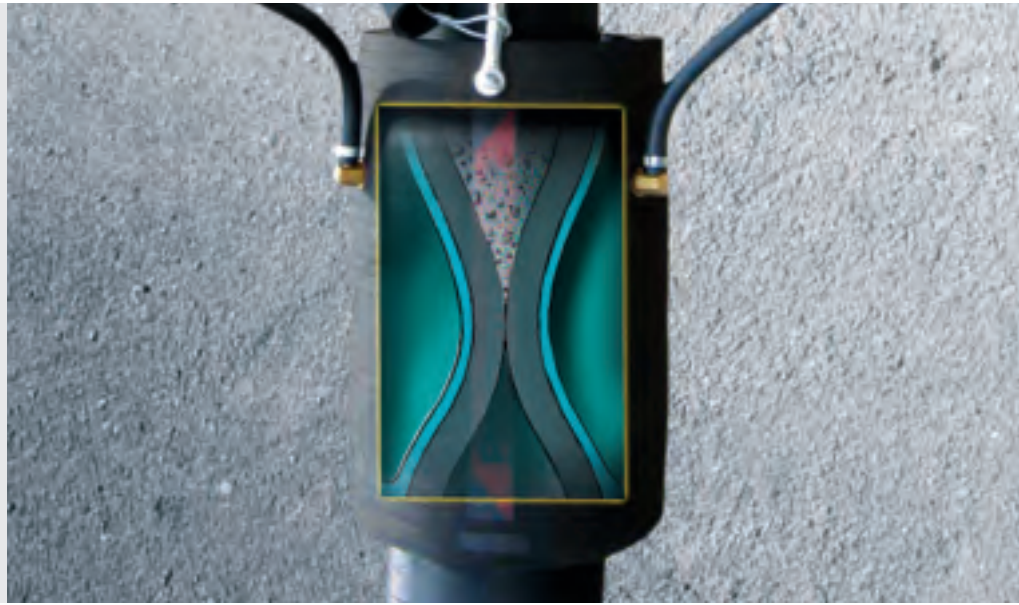
With the divided end hose, you have a pneumatic EQV End Hose Shutoff Valve at your disposal for every combination.



9.2 EQV End Hose Shutoff Valve

The EQV End Hose Shutoff Valve — Stops the Concrete Flow Immediately.

No mess, no spraying. The end hose is squeezed together to interrupt or stop the flow of concrete. This is done with such force that dripping is completely eliminated. Entirely free of metal parts which could become a hazard, it also requires very little installation work.



For Clean Concreting:

- Same valve for DN 125 and DN 100
- Simple and robust
- Closes reliably with pneumatic pressure*
- Flexible positioning along the hose
- No metal parts, minimizes the risk of injury
- Easily interchangeable with current valves
- Internal diameter: 180mm, which means that it can be pulled over the spout on the boom tip

* The pneumatic EQV end hose shutoff valve is connected to an existing air system at the end of the boom (operating pressure 3-4 bar). If your machine has yet to be fitted with this air system, contact Putzmeister Customer Support before ordering the pneumatic EQV end hose shutoff valve. We can offer you low-cost retrofitting.

9.4 End Hose Accessories



End Hose Accessories – See Just How Safe and Clean Concrete placement Can Be

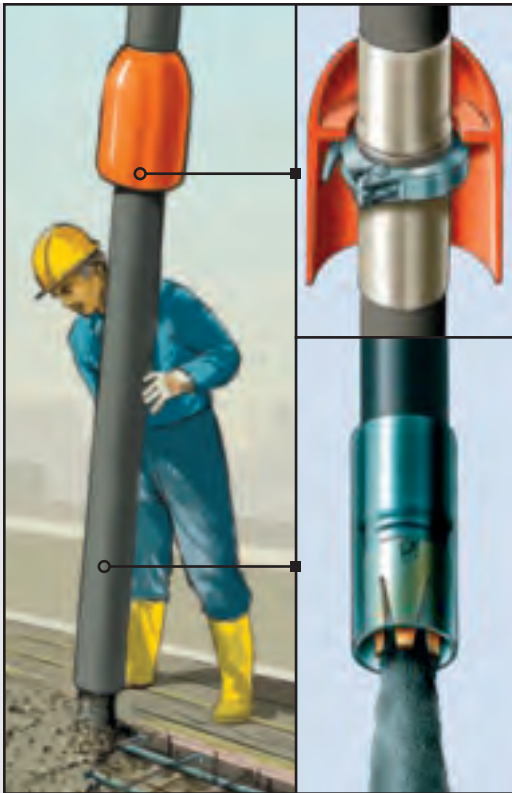
It's often the little things that make life and work easier. This was precisely our aim when we developed accessories for the end hose. The end result is many useful details, which we are certain you will no longer want to do without.

EQV End Hose Shutoff Valve

- Robust and flexible
- Pneumatically operated
- Closes reliably
- No metal parts, minimizes the risk of injury

Protective Sleeve with Velcro® Fastener

- Lightweight and clean
- Easy to fit
- Minimizes the risk of injury at the coupling



Putzmeister Protective Bell — the foundation for your end hose replacement system

- Use a 6' 7" (2m) delivery hose and 6' 7" (2m) end hose instead of a 13' 1" (4m) end hose
- Replace only 6' 7" (2m) end hose (approx. 20kg)
- Protective bell covers the coupling to prevent injuries
- End piece spout is optional. Use with spout for extensions (observe operating instructions for your pump) or with Pin Pour
- Ideal for narrow formwork, can be used with plastic pipe extension
- For end hose DN 125

Pin Pour

For safe and economical concrete placement

Improved safety:

- Uniform flow of concrete
- Quiet boom
- No concrete splashing

Less operating costs:

- Cost effective purchase
- Less wear of pipe and end elbow

Top quality from Putzmeister:

- Long service life

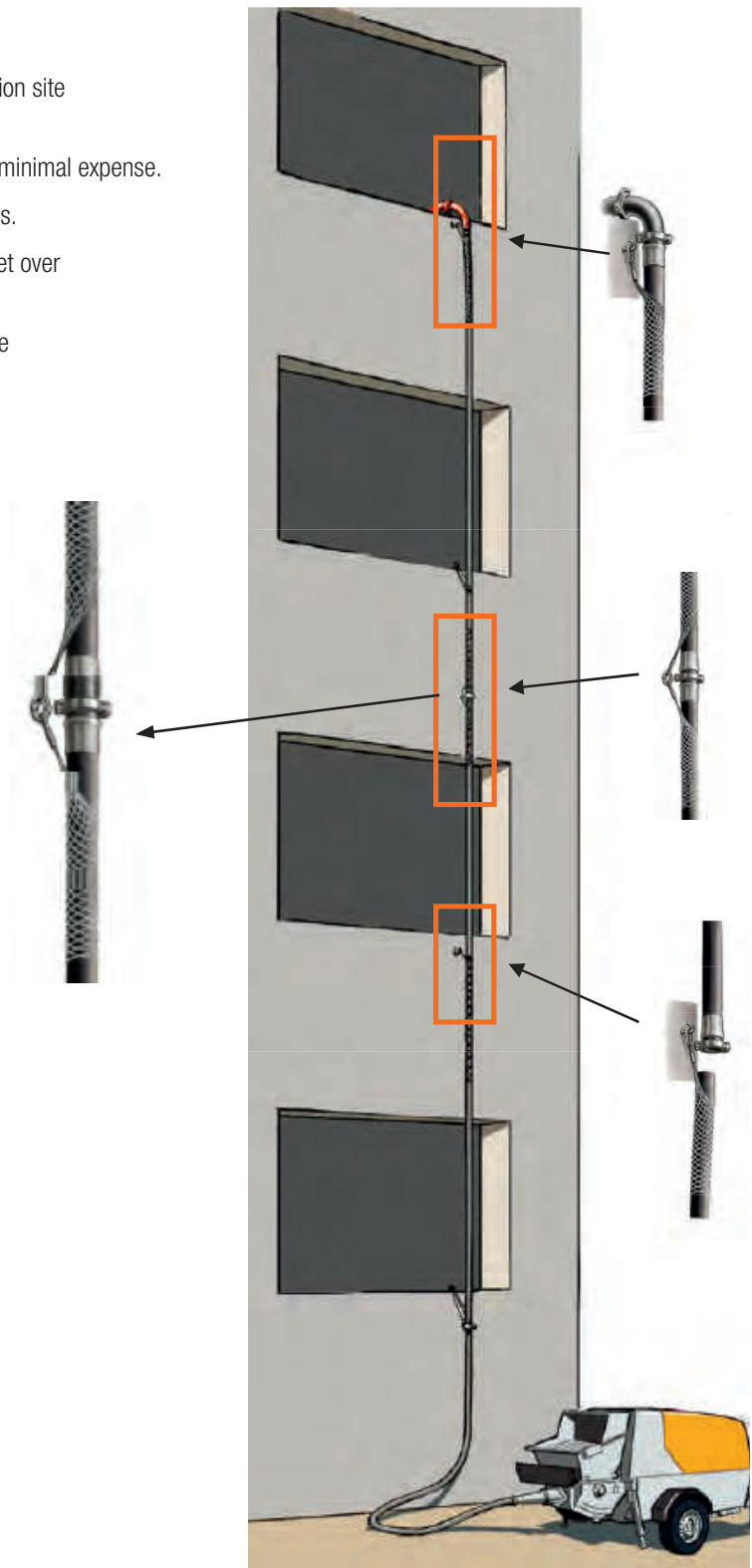
For all delivery lines with

- Ø 4.5" (100mm)
- Ø 5" (120mm)
- Ø 5.5" (125mm)



Safety net for suspended hoses

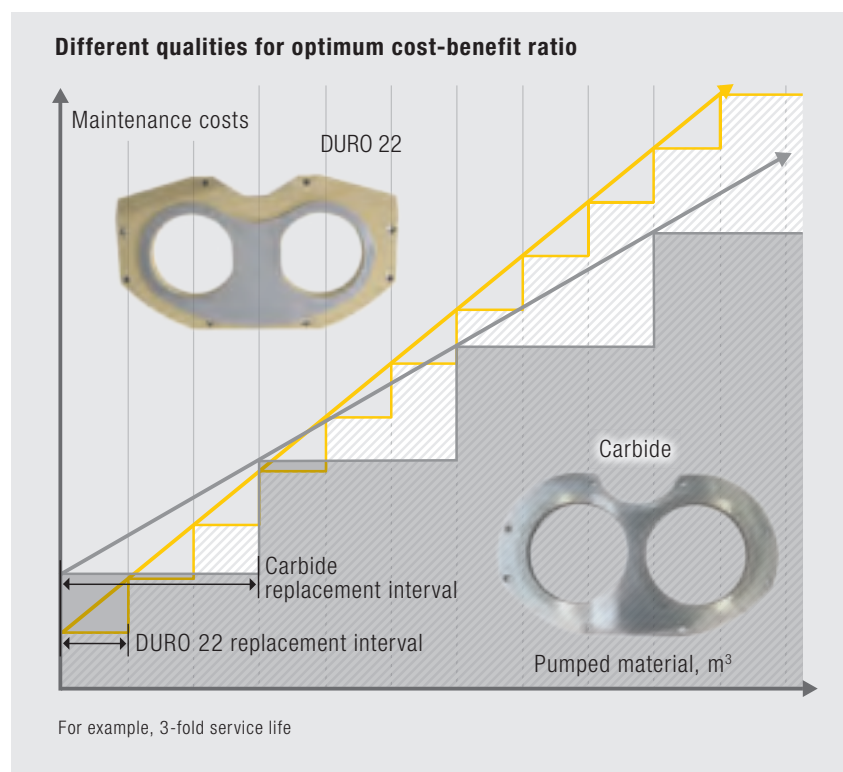
- Suspended hoses can be a serious safety risk on your construction site if they are not correctly, and firmly secured.
- With safety nets you can significantly increase job site safety at minimal expense.
- Our safety nets are designed to secure suspended delivery hoses.
- Fitting is quick and easy, without use of tools: Simply slide the net over the hose and secure to a suitable suspension point.
- Their ease of use and versatility will make them an indispensable accessory on all your construction sites.



Special Wear Plates

1. Carbide* — Absolutely Robust for Extreme Applications

Twenty years of experience have gone into these particularly robust and long-life hard metal wear parts. They have been continuously developed and optimised for extreme applications in long-range and high-rise pumping of concrete (e.g. Burj Khalifa). The result is three versions of carbide spectacle wear plates available today. They are guaranteed to withstand any stress because they are made in Germany using hard metal. A newcomer to Putzmeister's powerful team is the compact spectacle wear plate, manufactured completely from carbide. This makes it not just significantly easier and quicker to replace than 3-part spectacle plates, but also has a long service life. It is an effective means for reducing your wear and maintenance costs.



1) Compact version

The new compact spectacle plate from Putzmeister consists of a basic steel body with a 5mm thick carbide wear layer. It has a service life which is up to 4 times longer than the DURO 22 standard spectacle wear plate.



2) Carbide insert socket

Insert ring consisting of basic steel body with brazed carbide segments



3) Gusset version

Basic steel body with carbide equipped steel rings; area between rings with carbide assembly or replaceable screw-on wear plate segments

TECHNICAL DATA – CARBIDE

Wear parts for S-Valve carbide		Hoppers: RS 600 + all RS 905		Hopper RS 907	
		ND 180 Ø	ND 200 Ø	ND 230 Ø	
Description	Type	Part no.	Part no.	Part no.	
Thrust ring	NBR	249304.004	252898.002	458878	
Wear ring	Carbide	509425	531240	494520	
Spectacle wear plate	1) Carbide compact version	533286 Hole pattern 540 mm	532786 Hole pattern 570 mm	532597 Hole pattern 540 mm	531499 Hole pattern 570 mm
	2) Carbide insert socket (gusset version)		463444 Assembly consists of: 2× 485385 1× 463435, 1x 463426		
	3) Carbide insert socket	254566.002 Assembly consists of: 2× 269759.008 1× 275604.008	254565003 Assembly consists of: 2× 485385 1× 275608.004	532597 Hole pattern 540 mm Assembly consists of: 2× 271070.005 1× 263728.006	531499 Hole pattern 570 mm Assembly consists of: 2× 271070.005 1× 2761312.001

YOUR BENEFITS AT A GLANCE

- High hardness values: Up to 4 times longer durability in comparison with DURO 22 (under the same conditions)
- Less wear and maintenance costs
- Significantly easier and quicker replacement than the 3-part design
- 3 versions of spectacle wear plate to choose from
- Material in the middle section made of Hardox
- Carbide made in Germany

* Fitting instructions for spectacle wear plates equipped with carbide segments, available on request (document no. 048422)

Special Wear Plates

2. Duro 22* — Incredibly Favourable, and Suitable for (nearly) all Scenarios

With DURO 22, it is precisely for those areas they are subjected to the greatest stress, they are protected by a welded-on wear layer. Because of this reason wear parts made of DURO 22 have a long lasting durability, and are highly economical thanks to their excellent price-performance ratio.

These wear parts consist of a basic steel body armoured with a welded, hard facing material in areas subject to wear (wear layer welded on).



Basic steel body with hard facing (wear layer)



Cracks are characteristic for the hardness of the material. The harder the material, the more cracks.

TECHNICAL DATA – DURO 22

Wear parts for S-Valve DURO 22		Hoppers: RS 600 + all RS 905		Hopper RS 907	
		ND 180 Ø	ND 200 Ø	ND 230 Ø	
Description	Type	Part no.	Part no.	Part no.	
Thrust ring	NBR	249304.004	252898.002	261123.001	
Wear ring	DURO 22	251231.000	251031.006 a more cost-effective alternative: ECOLINE 403094	261122.002 Hole pattern 540 mm	406927 Hole pattern 570 mm (1HLS/16HLS/20H only)
Spectacle wear plate	DURO 22	234559.000	229488.005 a more cost-effective alternative: ECOLINE 403095	532597 Hole pattern 540 mm	531499 Hole pattern 570 mm

YOUR BENEFITS AT A GLANCE

- Reasonable price and sufficient durability
- Suitable for practically all fields of application in the concrete pumping sector

* Fitting instructions for hard faced spectacle wear plates available on request (document no. 063414)

Special Wear Plates

3. Wear-resistant Casting (cast iron) – Free from Cracks and Preferable Firm for Thin Medium Pumping

Parts made of wear-resistant casting have a decisive advantage: they consist of one material throughout. This makes them free of cracks and means that they have little contact surface for penetrating particles. Their minimal susceptibility to blast jet wear makes them ideal for pumping thin mediums and/or where not very abrasive material is being pumped under high pressure.

Because it has been alloyed with certain elements, this special heavy-duty casting displays higher wear resistance.

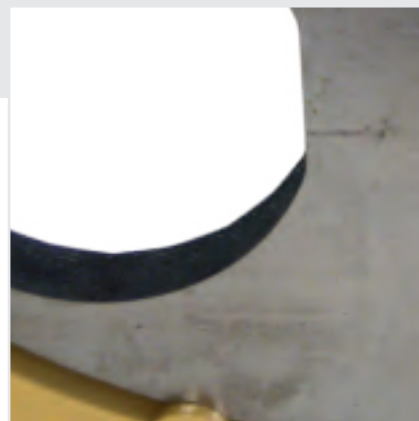
The heavy-duty casting version is used mainly at PSP in process engineering, and for concrete applications in stationary concrete pumps with S-Valve only.



Insert sockets – made entirely using heavy-duty casting



Kidney shaped insert – complete component made of wear-resistant casting



TECHNICAL DATA – WEAR RESISTANT CASTING

Wear parts for S-valve DURO 22		Hoppers: RS 600 + all RS 905	
		ND 180 Ø	ND 200 Ø
Description	Type	Part no.	Part no.
Thrust ring	NBR	249304.004	252898.002
Wear ring	Casting W72	247213.003	257270.007
Spectacle wear plate	Casting W72	282242.000	282243.009
	Insert socket	Assembly consists of: 2× 282056.005 1× 275604.008	Assembly consists of: 2× 282240.002 1× 275608.004
	Casting W72	257297.006	463444
	Kidney-shaped insert	Assembly consists of: 1× 247246.009 1× 273911.007	Assembly consists of: 2× 485385 1× 463435 1× 463426

YOUR BENEFITS AT A GLANCE

- No development of cracks
- Extremely low level of blast jet wear
- Ideal for very fluid materials
- Advantageous for high-pressure delivery (of less abrasive media)

9.8 Tricks of the Trade



Basic Boom Pump Operation

- Be familiar with the instructions in the Operator's Manual.
- Remember to set the parking brake, this gives power to the Power Take Off (PTO) Switch.
- Engage the PTO. Select high range and the correct gear for pumping.
- Set Remote/Local switch on control box to proper position.
- Switch the remote control E-Stop up, then power on.
- Reset the emergency stop circuit, honk the horn.
- Fully extend the outriggers to the locked position. If equipped with One Sided Support (OSS) System, set the outriggers and test the system according to the operator's manual.
- Move the boom into the proper position for prime out. Position Boom in Z- or A-frame configuration depending on your jobsite conditions.
- Engine Revolutions Per Minute (RPM) must be higher than 900 RPM.
- Switch on the pump. If pump does not turn on, double check above steps.

The operator's manual is your best resource in getting to know your Putzmeister Boom Pump quickly, and to take advantage of all of it's features.

9.9 Test Lights and Bad Grounds

Test Lights and Bad Grounds

The multimeter is an essential tool for diagnostics of a faulty electrical system on a Putzmeister machine. Whether it is a 12v or 24v system, the multimeter is your go-to tool for electrical diagnostics.

Functions you will need:

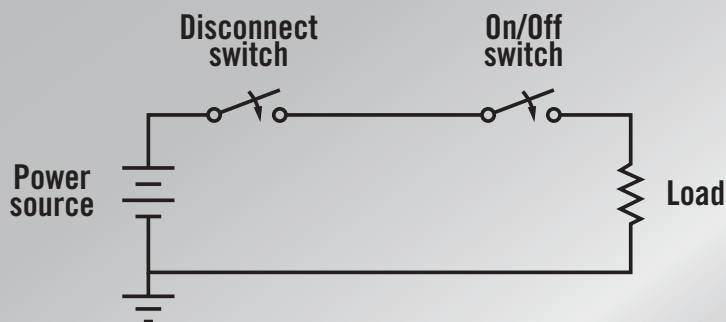
- Test for DC Voltage
- Test for Amperage
- Test Resistance (Ohms)

Control boxes contain sensitive electrical components, ones that a regular test light will burn out when used improperly.

Regular test lights can't get you the accurate readings you need, some readings need to get down to milliamps to diagnose properly. They should not be used inside of your combi-box.

Provide accurate voltage readings to the Putzmeister service technicians when calling for support.

Remember, your electrical problem does not always have to be from a lack of power, it can be from not having a ground as well!



9.10 Filter Maintenance

Filter Maintenance

Filter maintenance is vital to the longevity of your concrete pump and Telebelt.

The pictures show what needs to be checked to make sure the unit is operating to specification:

- Needle in green, filter is clean.
- Needle in the red, filter is plugged or oil is too cold to pump.
- In cold weather do not operate until the needle is in the green.
- The vacuum gauge has a vent on top. If the vent is plugged it will create a false reading.
- On Telebelts the suction gauge might be displaying oil tank pressure.
- Telebelt TB 105's and TB 110's have air pressure to feed the pumps, these gauges read differently, but are indicating the same information about the status of the filter.

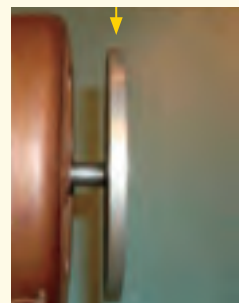
Having the wrong plunger setting can cause major failure of the hydraulic pump.



Plunger is open to provide oil flow to filter. When changing the filter the plunger is designed to seal the tank. If the screw adjustment is too long the plunger can be bent or damaged, causing leakage.

If an adjustment is too short it can cause hydraulic pump cavitation.

Plunger and Seal



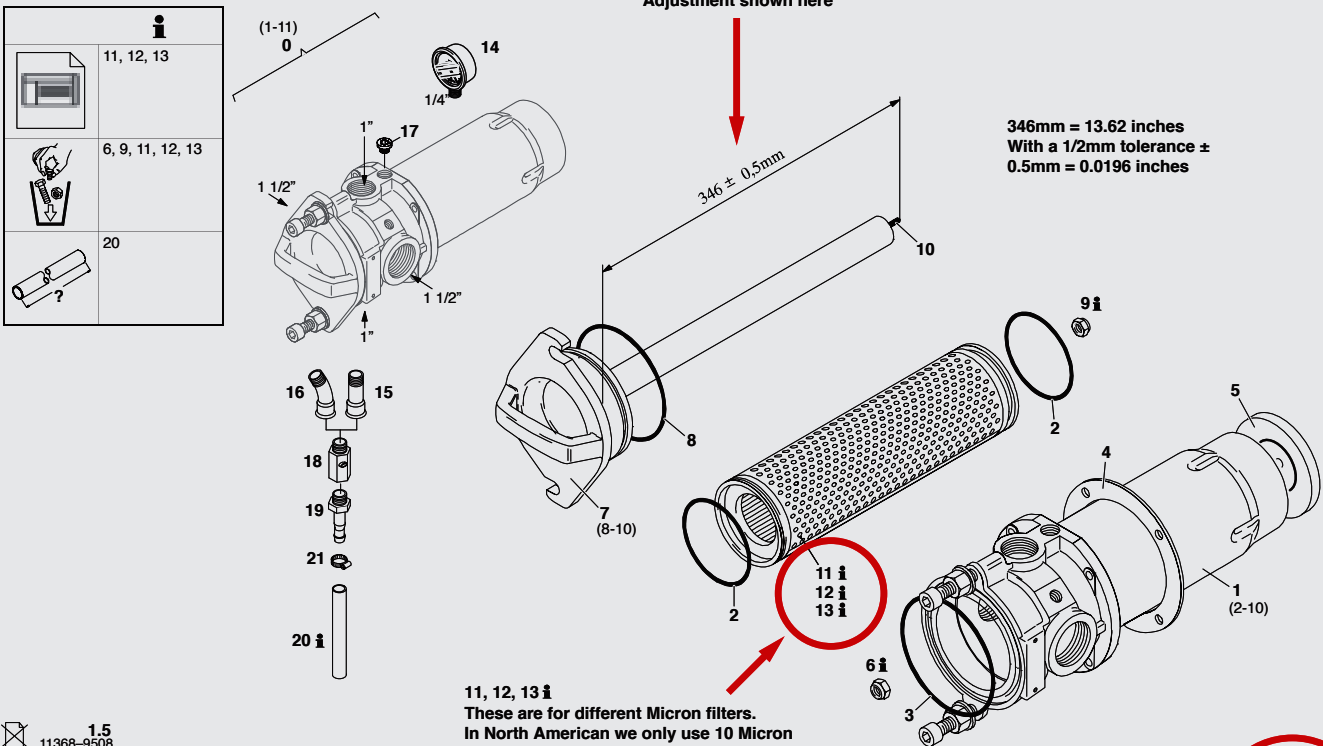
9.10 Filter Maintenance



It is important to confirm the length of filters, because some studs are not adjustable. Check the parts pages for correct dimension.

Adjustable style is a stud bolt with a lock nut. The end of the stud is what pushes the plunger open. Pictured with the filter removed.

Apply this information to service on your unit and consult the Customer Support Group to confirm the specification for your individual pump.



1.5
11368-9508
TD: Schönbeck



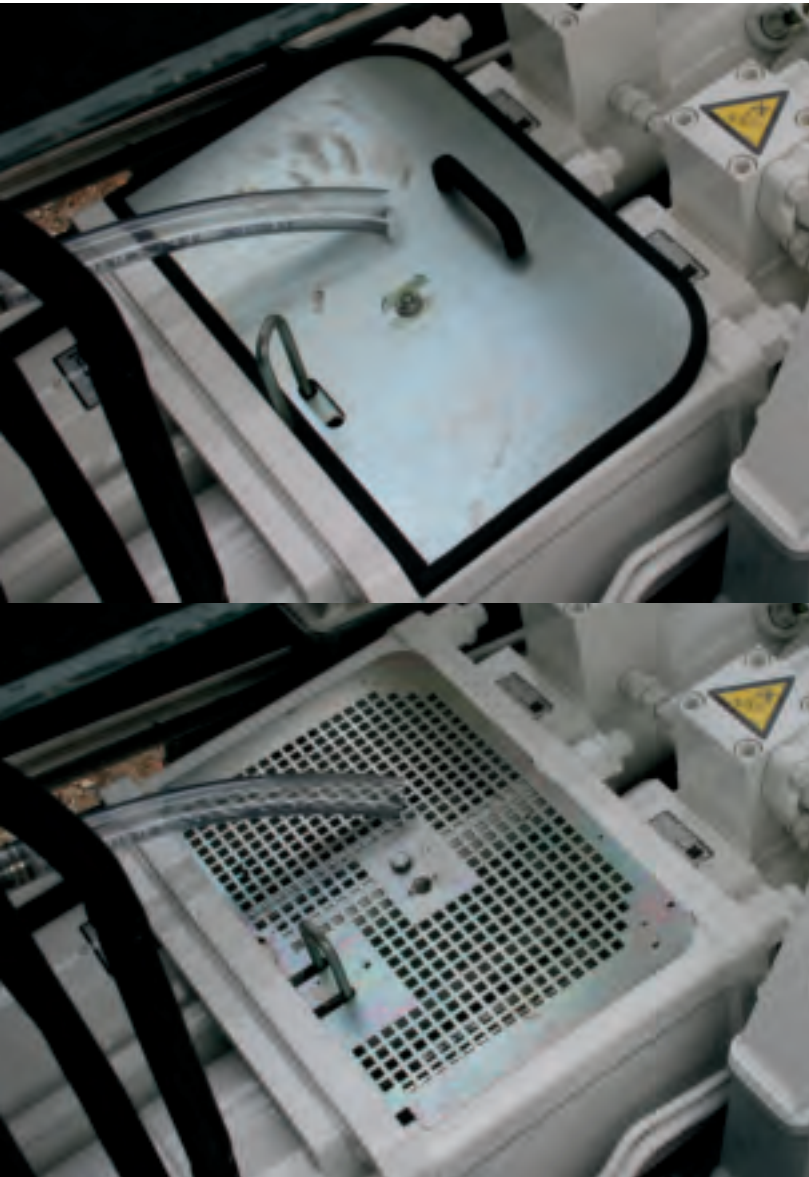
Saugfilter
Suction filter
Filtre d'aspiration
Filtro de aspiración

Look for this gell page
in **YOUR** manual

225531008



1.5
11368-9812

**DO**

- Do change the water in the water box after every pour. This allows you to look for grey slurry passing the pistons as evidence of worn piston heads. It also allows you to monitor for leaking drive cylinder packings.
- Do always mount the water box cover with the mount bolt. Do not leave it removed or loose after maintenance.
- Do inspect Dog-Bone bolts for tightness. Dog-Bone bolts must be secured with stainless steel tie wire. Never use normal steel baling wire.
- Do change the water on long pours to help cooling the hydraulic system. Water box water is considered 30% of the cooling system for hydraulic oil, oil coolers are approximately 70%.

DON'T

- Don't ever put hands or tools inside the water box with the motor running due to the danger of serious injury.
- Don't leave water box cover loose or removed after service maintenance (see photo).
- Don't add soap to the water box. This washes the oil film from the drive cylinder rods and will wear out the drive cylinder chevron seals faster.
- Don't leave water in the water box overnight if there is danger of freezing.

9.12 Battery Care Tips

How to maximize the performance of the battery

- **Keep the Batteries and Device Contacts Clean** — Clean them with a cotton swab and alcohol.
- **Exercise the Battery** — Do not leave the battery dormant for long periods of time. We recommend using the battery at least once every two or three weeks.
- **Prevent the Memory Effect** — Keep the battery healthy by fully charging and then fully discharging it at least once every two or three weeks.
- **Battery Storage** — If you don't plan on using the battery for a month or more, store it in a clean, dry, cool place away from heat and metal objects. NiCd, NiMH and Li-Ion batteries will self-discharge during storage.



Notice

Use only manufacturer supplied batteries for reliable and safe operation.



Button for menu navigation
Menu navigation and setup by turning and pressing

Menu 1 - Operating elements



Menu 2 - Status EPS/EBC



Menu 3 - Concrete Pressure and limited Pressure



Menu 4 - Boom settings (EBC off)



Menu 4 - Boom settings (EBC on)

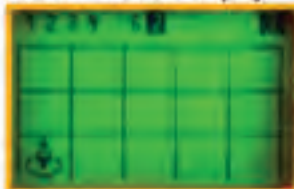


Changes to Menu 1 for confirmation by selecting 'Boom Setting'

Menu 6 - Settings



Menu 7 - Failure display

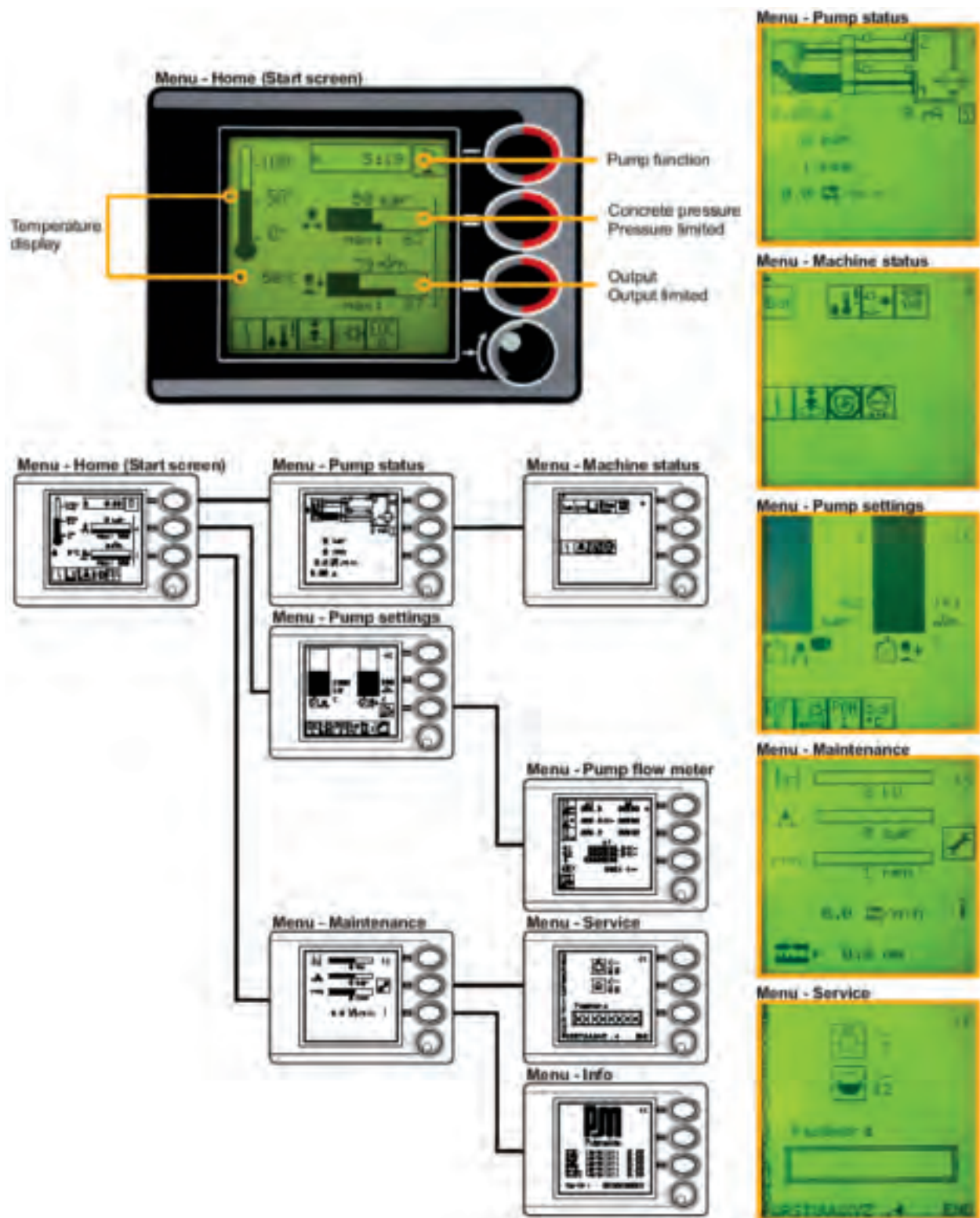


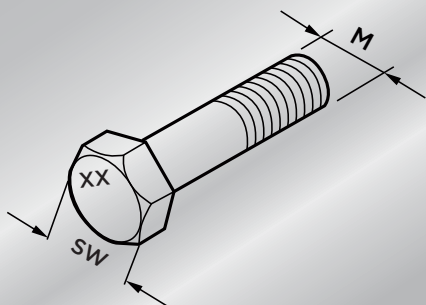
Reset - Reset to default



Press button 5 seconds







General Tightening Torques

Tightening torques depend on bolt grade, thread friction and bolt head bearing area. The values given in the following tables are for guidance.

These values should only be used if no other values are specified in the relevant sections of the Operator's Manual or in spare part sheets.

The tables below give the maximum tightening torques in Nm for a friction factor $\mu = 0.14$, for a lightly-oiled or lightly-greased thread.

All tightening torques are multiplied by a factor of 1.1 for bolts with cement in the thread.

SW = Width across flats

X.X. = Grade 8.8, 10.9, 12.9

SET SCREWS — METRIC TRIANGULAR THREAD DIN 13, PART 13

Dimensions (MM)		Tightening Torque Md (Nm)			Tightening Torque Md (Ft-Lb)		
M	SW	8.8	10.9	12.9	8.8	10.9	12.9
M 4	7	3.0	4.4	5.1	2.22	3.26	3.77
M 5	8	5.9	8.7	10	4.37	6.44	7.4
M 6	10	10	15	18	7.4	11.1	13.3
M 8	13	25	36	43	18.5	26.6	31.8
M 10	17	49	72	84	36.3	53.3	62.2
M 12	19	85	125	145	62.9	92.5	107
M 14	22	135	200	235	99.9	148	174
M 16	24	210	310	365	155	229	270
M 18	27	300	430	500	222	318	370
M 20	30	425	610	710	315	451	525
M 22	32	580	820	960	429	607	710
M 24	36	730	1050	1220	540	777	903
M 27	41	1100	1550	1800	814	1147	1332
M 30	46	1450	2100	2450	1073	1554	1813

SET SCREWS — METRIC PRECISION THREAD DIN 13, PART 13

Dimensions (MM)		Tightening Torque Md (Nm)			Tightening Torque Md (Ft-Lb)		
M	SW	8.8	10.9	12.9	8.8	10.9	12.9
M 8 x 1	13	27	39	46	19.98	28.86	34.0
M 10 x 1.25	17	52	76	90	38.48	56.24	66.6
M 12 x 1.25	19	93	135	160	68.82	99.9	118.4
M 12 x 1.5	19	89	130	155	65.86	96.2	114.7
M 14 x 1.5	22	45	215	255	107.3	159.1	188.7
M 16 x 1.5	24	225	330	390	166.5	244.2	288.6
M 18 x 1.5	27	340	485	570	251.6	358.9	421.8
M 20 x 1.5	30	475	680	790	351.5	503.2	584.6
M 22 x 1.5	32	630	900	1050	466.2	666	777
M 24 x 2	36	800	1150	1350	592	851	999
M 27 x 2	41	1150	1650	1950	851	1221	1443
M 30 x 2	46	4650	2350	2750	1221	1739	2035

9.16 Replacing Hydraulic Hoses

Replacing hydraulic hoses

The procedure for replacing hoses is as follows:

1. Lower the boom back into its rests or position on ground, so that the components are not being supported by hydraulic pressure.
2. Shut down the machine.
3. Perform Lock Out – Tag Out procedure and secure against unauthorized starting.
4. Fully dump any (residual) pressure in the hydraulic system.
5. Take care when loosening hose end fittings, and all hydraulic fittings in general.

FLARED SCREWED JOINTS		
External Diameter	Type	Max Torque Md Ft Lbs (Nm)
6	L	15 (20)
8	L	30 (40)
12	L	41 (55)
12	S	59 (80)
15	L	52 (70)
16	S	96 (130)
18	L	89 (120)
20	S	184 (250)
25	S	295 (400)
30	S	369 (500)
38	S	590 (800)

Notice

You may only tighten leaking flared screwed joints to the permitted torque values listed below. If you do not have a torque wrench available, tighten the joint until you clearly feel an increase in the force is required. You must replace flared screwed joints if leakage continues after being tightened to the maximum permitted torque values.



WARNING

Hydraulic hoses may be mechanically pre-stressed. There is a risk of injury from whipping hoses when the hose is removed from its fitting.

Notice

Catch escaping fluid in a container and dispose of in an environmentally friendly manner.

**Ordering is fast and easy. Simply copy this form,
fill out your order and fax to (262) 884-7259,
or email PartsOrders@putzam.com.**

Order Parts Online with WEBSHOP at Shop.Putzmeister.com

Bill To:

☐ **Same As Ship To**

SHIPPING INSTRUCTIONS

- ☐ **CTC**
☐ **Next Day**

☐ **UPS**
☐ **N/D By 8:00 am**

☐ **FedEx**
☐ **N/D By 10:30 am**

☐ **Freight**
☐ **Saver**

☐ **Will Call**
☐ **Ground**

☐ **Special Instructions**
☐ **2-Day**

☐ **3-Day**

☐ **Standard**

Putzmeister

Putzmeister America, Inc.

1733 90th St., Sturtevant, WI 53177

Toll-free (800) 890-0269

Phone (262) 886-3200

Fax (262) 884-7259

PutzmeisterAmerica.com

PartsOrder@putzam.com

Ship To:

Attn.:

Customer P.O.:

Order Placed By:**Phone:**

Fax:

Model:

Serial #:

[illegible]**Notes or Comments:**

PERFORMANCE, QUALITY, AND FAST SHIPPING.

For any questions, the Putzmeister Shipping Department is able to help you Monday – Friday, 8:00 a.m.– 5:00 p.m. (CST), at (800) 890-0269.

- Standard UPS Ground and FedEx Ground orders take 24 hours for processing.
- Standard freight shipments may require additional time depending on the size of the order.
- All dealer “stocking orders” will be processed and shipped within 5 business days of the placed order.
- Every attempt to place an order before 3:00 p.m. and ship out the same day will be made, but a “No Guarantee” condition applies.
- “Next Day” and “Unit Down” orders will be given priority.
- Orders placed after 3:00 p.m. (CST) should be requested to ship Next Day Air, or the order may ship the next business day.
- UPS and FedEx pick-ups occur at 5:00 p.m. (CST) and LTL Freight carriers require prior scheduling notice.

If you have special shipping requirements, please notify your Parts Sales Representative at the time the order is placed. Our team will make every effort to meet your requirements.

Toll Free Emergency Parts and Service Hotline (800) 890-0269

10.2 Warranty Claim Form

FOR FACTORY USE ONLY	
WARRANTY CLAIM NUMBER	
Claim Date	
Date of Failure (mo/day/yr)	

Putzmeister

Putzmeister America, Inc.
 1733 90th St., Sturtevant, WI 53177
 Toll-free (800) 890-0269 Phone (262) 886-3200
 Fax (262) 884-3079
 PutzmeisterAmerica.com

IMPORTANT! Fill in all areas on this report! Failure to complete or falsification of any data contained herein will automatically constitute a denial of this claim.

1. OWNER IDENTIFICATION		E-mail or Fax
Name	Company	
Address		
City	State/ZIP	Phone

2. PRODUCT IDENTIFICATION		Product Serial No.
Hours of Service	Product Model No.	

3. PUTZMEISTER CUSTOMER I.D.		Phone	E-mail
Customer No.	Claim Prepared By		
Name	City	State/Zip	

4. PARTS CLAIMED			All non-Putzmeister parts or authorized repairs claimed below MUST be accompanied by a copy of the invoice.
Part Number	Quantity	Description	Replaced on Invoice Number

5. REASON FOR CLAIM	DESCRIBE IN DETAIL. Provide additional details on separate page.

Return to: E-mail: warranty@putzam.com
 Fax: (262) 884-3079

Please contact PMA's Customer Support Group
 with questions at (800) 890-0269

Putzmeister America, Inc.
 1733 90th Street, Sturtevant, WI 53177

Putzmeister

Putzmeister America, Inc.
 1733 90th St., Sturtevant, WI 53177
 Toll-free (800) 890-0269 Phone (262) 886-3200
 Fax (262) 884-3077
 PutzmeisterAmerica.com

1. PUTZMEISTER DEALER INFO (FOR CUSTOMER COMPLETE ONLY)
Customer No.
Name
City, State, Zip
E-mail or Fax
Form Prepared By

PUTZMEISTER INFORMATION (FOR OFFICE USE ONLY)	
RMA NUMBER	(Given by Customer Support at 1-800-890-0269 or returns@putzam.com)
Claim Date (mo/day/yr)	
Request Date (mo/day/yr)	

IMPORTANT! Fill in all areas on this report! Failure to complete or falsification of any data contained herein will automatically constitute a denial of this claim.

2. AUTHORIZED ITEMS FOR RETURN				
#	Part Number	Part Description	Quantity	Purchased on Invoice Number

3. REASON FOR RETURN	DESCRIBE IN DETAIL. Provide additional details on separate page.

Return to: E-mail: returns@putzam.com
 Fax: (262) 884-3077

Please contact PMA's Customer Support Group
 with questions at (800) 890-0269

Putzmeister America, Inc.
 1733 90th Street, Sturtevant, WI 53177

10.4 Parts Return Policy

Conditions under which Putzmeister America, Inc. will accept any parts returned for credit are:

1. Items ordered or shipped in error must be reported within five (5) business days of receipt of the shipment.
2. Returned items or components must be new and unused, of Putzmeister America, Inc. manufacture or origin, and carefully packaged to prevent shipping damage.
3. These items will be subject to a 15% restocking charge if they were improperly ordered or if they are reported after the five (5) day period.
4. All items or components must be returned within thirty (30) days of approval for return. Items received beyond the thirty (30) day period are subject to rejection and return to sender freight collect.
5. Fill out the Return Material Authorization (RMA) Form and send back to returns@putzam.com or call Putzmeister Customer Support Group at (800) 890-0269 for a RMA number. Failure to complete or falsification of any data will automatically constitute a denial of this claim.
6. All parts returned to Putzmeister America, Inc. must be tagged with the corresponding RMA number. A copy of the RMA Form and copies of the appropriate Putzmeister America, Inc. invoice must be included with the shipment. Parts returned without these item(s) are subject to rejection and return to sender freight collect.
7. Return the authorized items to:

Putzmeister America, Inc.
Attn: Returns Department, RMA No. (add RMA No. here)
1733 90th Street
Sturtevant, WI 53177 USA

TOLL-FREE (800) 890-0269

RMA Number must be clearly visible on the outside of the package.
Collect shipments will not be accepted. Freight charges are not accepted under Putzmeister's warranty.

Parts Not Acceptable for Return

1. Parts shipped as components of a complete assembly.
2. Parts that have been disassembled, used, damaged, or installed on equipment.
3. Parts which have been cut, welded, or otherwise modified from the original finished part, or that have been painted, coated, or protected with something other than the original finish.
4. Parts ordered for a discontinued model or special applications (special order parts) or which were given a special consideration.
5. Fabricated or formed sheet metal parts.
6. Parts purchased more than twelve (12) months previously.
7. Parts not purchased from Putzmeister America, Inc.
8. Electrical and electronic components (switches, relays, solenoids, coils, controller or parts, circuit boards, batteries, etc.)
9. Parts or components damaged in transit. Note: This damage must be taken up with the carrier or shipper involved.
10. Manuals cannot be returned for credit.
11. Any parts or components returned to Putzmeister America, Inc. without prior approval (RMA Form) will be returned to the sender freight collect.
12. Rubber parts with a limited shelf life, such as O-rings, hoses and seals are returnable within six (6) months of invoice date provided they are in the originally supplied Putzmeister America, Inc. packaging.