



Choose the Original, Choose Success

Table of Contents

1 INTRODUCTION

1.1	Putzmeister India	06
1.2	Why Putzmeister Genuine Spare Parts	07
1.3	Our Sales and Service Network	08

2 STATIONARY PUMPS

2.1	BSA 702 Parts	12
2.2	BSA 1404 HD eSmart Parts	12
2.3	BSA 1405D eSmart Parts	13
2.4	BSA 1407 D eSmart Parts	13
2.5	BSA 1407 HD eSmart Parts	14
2.6	BSA 1408 HD Parts	14
2.7	BSA 1410 D Parts	14
2.8	BSA 2109 HD Parts	15
2.9	BSA 1404EeSmart Parts	15
2.10	BSA 1406E eSMART HD PARTS	15

3 BOOM PUMPS

3.1	Wear Parts by Kit	18
3.2	Wear Parts by Hopper Type	19
3.3	S - Valve Bearing Seal Kit	19
3.4	Shift Cylinder Seal Kit	19
3.5	Seal Kit	20
3.6	Bearing Flange Assembly Kit 60mm	20
3.7	Outlet Bearing Housing Assembly	21
3.8	Hopper Parts	21
3.9	Mixer Shaft	22
3.10	Agitator Paddle	22
3.11	Directional Control Valves	22
3.12	S - Valve Accessories	23
3.13	Delivery/Material Cylinder	23
3.14	Plunger Cylinder	24
3.15	Drive Cylinder	24
3.16	Hydraulic Pumps	24
3.17	Hydraulic Motors	25
3.18	Hydraulic Accumulator	25
3.19	Piston	26
3.20	Filter	27
3.21	Digital Pipe Wall - Thickness Measuring Device	27
3.22	Gauge and Hose Kit	27
3.23	Outrigger Pads	28
3.24	Catch Basket	28
3.25	End Hose Safety Straps	28
3.26	Rubber Buffer	28
3.27	Cleaning Material	29
3.28	Grease Fitting	29
3.29	Water Boxes	30
3.30	Oil Cooler Accessories	30
3.31	Thermometer	30

3.32	Splash Guard Parts	30
3.33	Relays for Control Box	31
3.34	Diodes for Control Box	31
3.35	Control Lamps for Control Box	31
3.36	Radio Remote Transmitter for Radio System Types 727 - 735 AFM — 590940	32

4 BATCHING PLANTS

4.1	MT 0.5 Compartment Batcher	36
4.2	MT 0.5 Inline Bins	37
4.3	MT 0.5 Pocket Silo	38
4.4	MT 1.0 Inline Silo With Skip Bucket	40
4.5	MT 3.0	41

5 PLACING BOOM

5.1	MX 32 - 4	46
-----	-----------------	----

6 MORTAR MACHINES

6.1	P13	50
6.2	MP 25	50

7 TELEBELT

7.1	Belts	54
7.2	Filter	55
7.3	Hopper Assembly	55
7.4	Skirts	56
7.5	Rollers	57
7.6	Scraper	58
7.7	Boom Control Hydraulic Block	58
7.8	Reducers	59
7.9	Wire Ropes and Cables	59
7.10	Hydraulic Cylinders	59
7.11	Hydraulic Jack Set	60
7.12	Male and Female Guide Blocks	60
7.13	Seal Kits	61
7.14	Lamps and Sirens	61
7.15	Outrigger Pads	61

8 TRAINING

1

INTRODUCTION



1.1

Putzmeister India

Since 1958, the Putzmeister Group has developed into a manufacturer of specialist machinery on a worldwide scale. The hub of the group of companies is located in Aichtal, Germany about 20 kilometres southwest of Stuttgart.

Putzmeister India is a 100% wholly owned subsidiary of the Putzmeister Group. Having construction and management experience of 60 years, Putzmeister is a world leading solution provider for pumping, mixing and placing concrete, mortar and industrial solids. With their parent company Sany Heavy Industries, Putzmeister is amongst the world market leaders in their business.

To introduce the most advanced technology and high quality services to India, Putzmeister India was founded in Verna Industrial Estate, Goa. The Indian Headquarters offers state of the art manufacturing, management, sales and after - sales service adapted to the local market needs. The factory was built in 2007 and covers an area of 100,000 square feet. Today Putzmeister India has over 50 sales experts, 127 service engineers, technicians and 7 spare parts branches situated in the major cities. Putzmeister India not only caters to the domestic market but also exports to Bangladesh, Bhutan, Sri Lanka, Nepal, and other neighbouring countries as well as to South East Asia, Japan, South Africa and the Americas.

Putzmeister is a one-stop solution provider for all concreting requirements and is the first choice of real estate and infrastructure companies across India. Putzmeister machines have been successfully deployed all various prestigious projects including Metro Rail, expansion and modernization of International Airports in Mumbai, Delhi, Kolkata and Bangalore, construction of various Power Plants, Hydro Electric Projects, LNG Tanks, Refineries, Ports, Roads and Bridges.

PUTZMEISTER CONCRETE MACHINES PVT. LTD.

Plot N - IV, Phase 4, Verna Industrial Estate,
Salcette - Goa, India.

PHONE : +91 - 832 - 6696 - 000
FAX : +91 - 832 - 6696 - 300
WEB : www.putzmeister.com
EMAIL : contact.india@putzmeister.com

CUSTOMER SUPPORT GROUP

SALES : sales@pmw.co.in
SERVICE : aps@pmw.co.in



1.2

Why Putzmeister Genuine Spares Parts

YOUR BENEFITS WITH PUTZMEISTER GENUINE PARTS

Take advantage of more than 60 years of experience

We at Putzmeister understand that long machine downtimes can delay your projects, and put your reputation at stake. And that is why we are always by your side, providing you with top notch genuine wear parts. As always in life, knowledge is the key. With your knowledge about the superiority of Putzmeister genuine parts, you have the power to enable a smooth and long operating life of your Putzmeister equipment, resulting in a maximum return on investment.

Preserve your investment – stay worry-free

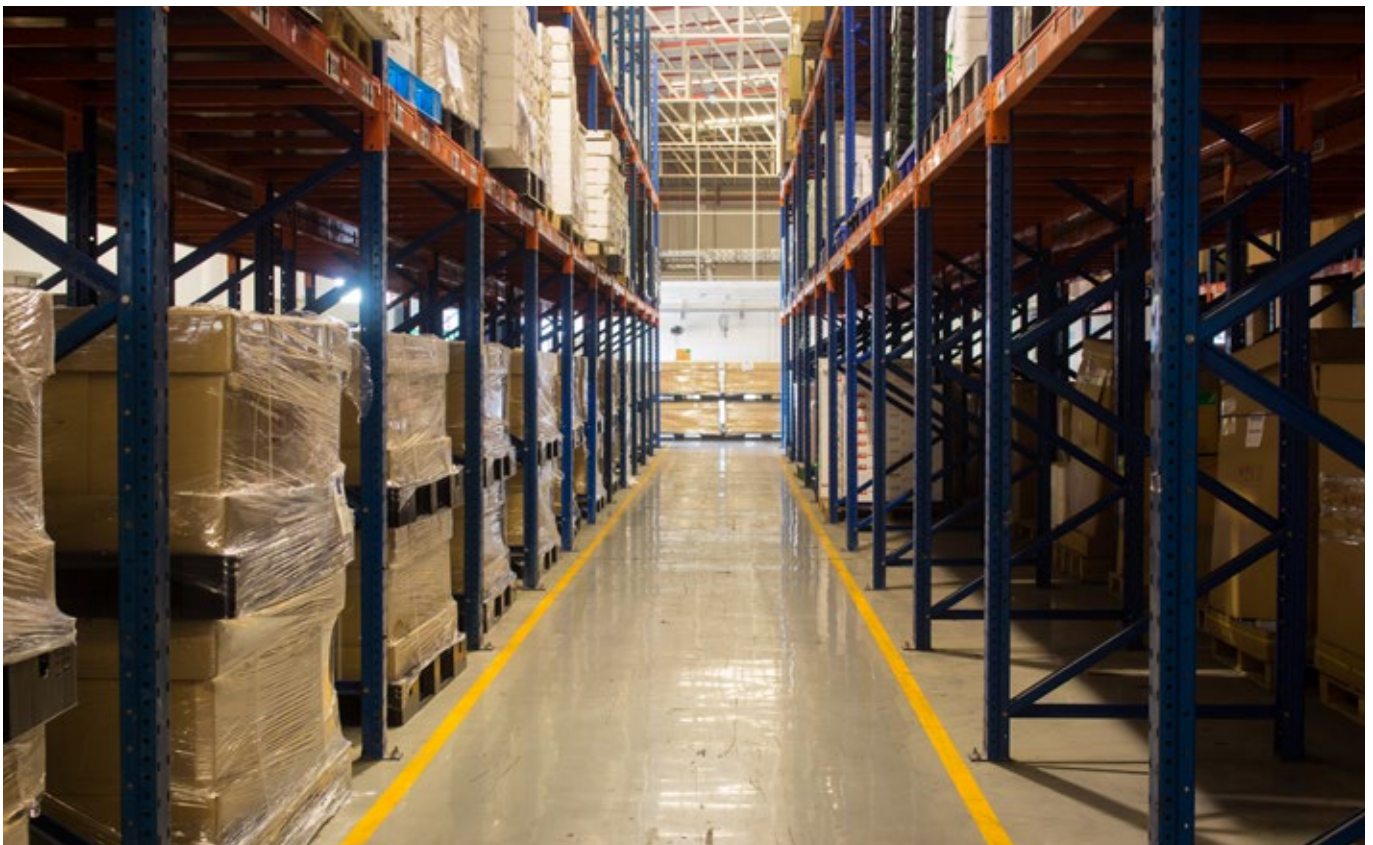
Our dedication to high quality parts enables you to fully concentrate on your core business. Putzmeister wear parts are tested and designed for the roughest operations, in order to maximize your return on investment with lesser maintenance and repairs, and longer life. That is why only Putzmeister Genuine Parts guarantee you the necessary reliability for your business. In addition, easy access to all components in your machine saves time and money.

Your safety is our priority

Our genuine parts have been developed especially to fit in Putzmeister equipment, and to optimize its performance. This results in maximum safety for your machine operators and safety personnel. We constantly improve the components and accessories, in order to guarantee a smooth operating life of your machine – from the first day on.

Always at your doorstep

When choosing Putzmeister genuine parts, you get more than wear parts: Our network of service engineers spread all over India is always by your side, and will revert to your enquiries in the shortest time possible.

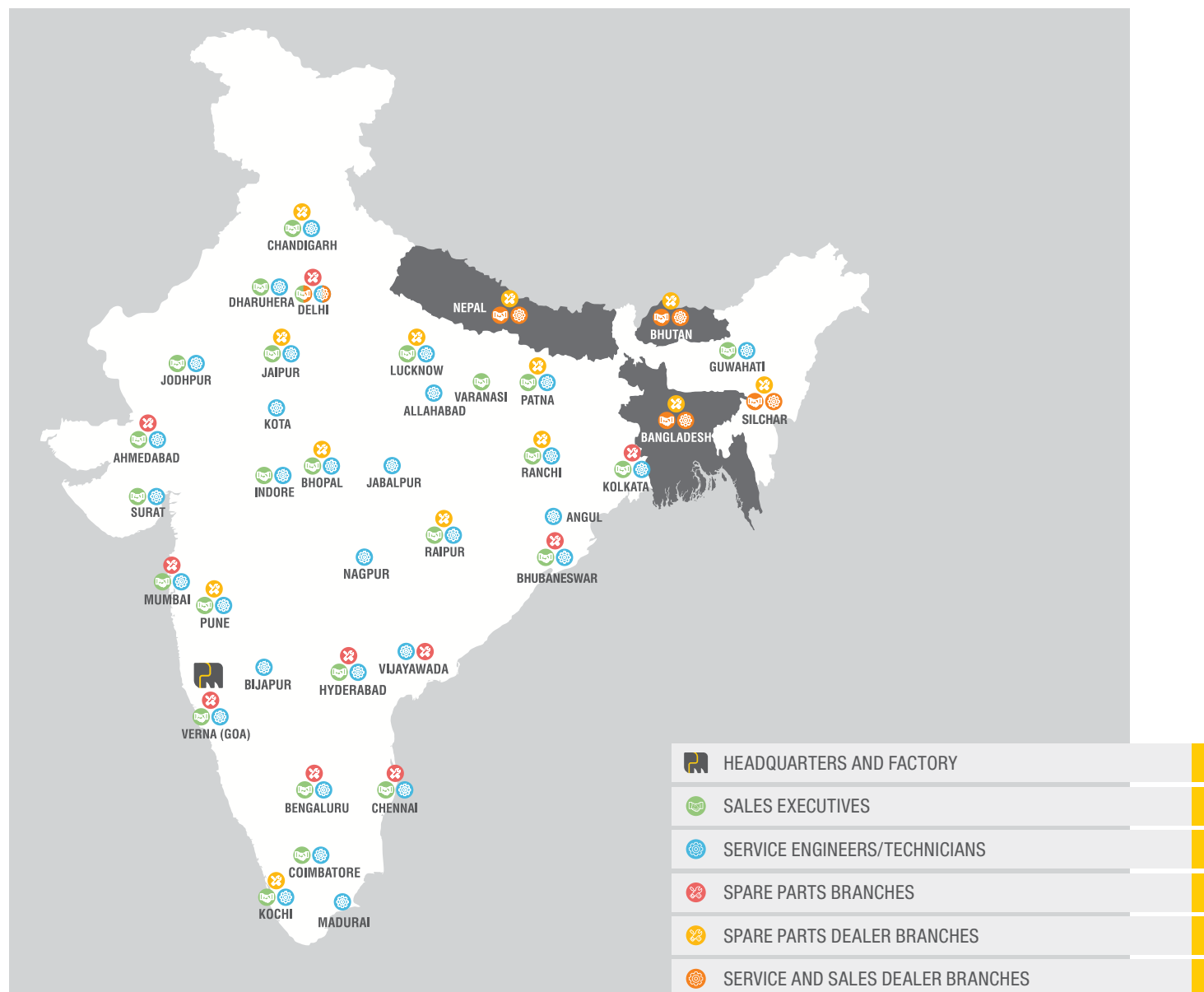


1.3

Our Sales and Service Network

AFTER SALES AND SERVICE - INDIA

Operation and SAARC Countries



REGIONAL OFFICES DETAILS

NORTH REGION

W901 - 903, BEST SKY TOWER, F - 5, NETAJI SUBHAS PLACE,
PITAMPURA – NEW DELHI 110 034
TEL: +91 11 4200 5600 | FAX: +91 11 4200 5601

WEST REGION

UNIT A - 301, POLARIS PREMISES, MAKWANA ROAD, MAROL NAKA,
ANDERI EAST – MUMBAI 400 059
TEL: +91 22 2636 0181 | FAX: +91 22 2636 0184

SOUTH REGION

H. NO. 1 - 11 - 220/2, PLOT NO. 2, 3RD FLOOR, BINDAVAN COLONY,
BEGUMPET – HYDERABAD 500 016
TEL: +91 40 4010 1015 | FAX: +91 40 4010 1025

EAST REGION

P S AVIATOR ROOM NO - 406, 4TH FLOOR, ATGHORA, CHINNAR PARK
CROSSING, P.S - RAJARHAT – KOLKATA 700 136
TEL: +91 33 6614 2525 | FAX: +91 33 6614 2500

PUTZMEISTER SERVICE AND PARTS SUPPORT



VIKAS DESHMUKH
Director of Service
and Parts Support

Phone +91 83 2669 6071
Fax +91 83 2669 6300
deshmukhv@pmw.co.in

DURGADAS SURLAKER

SENIOR MANAGER - PARTS
TEL: +91 83 2669 6076
CELL: +91 98237 39456
EMAIL: surlakerd@pmw.co.in

MAHESH PATIL

DEPUTY MANAGER - PARTS
TEL: +91 83 2669 6077
CELL: +91 95525 09083
EMAIL: patilmr@pmw.co.in

LOGISTICS SUPPORT

SACHIN AVADAN

SENIOR EXECUTIVE LOGISTICS
TEL: +91 83 2669 6213
CELL: +91 97643 42566
EMAIL: avadans@pmw.co.in

NORTH REGION

C.P. SINGH

REGIONAL MANAGER
TEL: +91 11 42005600 / 612
CELL: +91 99582 26999
EMAIL: cpsingh@pmw.co.in

MANPREET SINGH MARWAH

ASST MANAGER - PARTS SALES
TEL: +91 11 42005600 / 615
CELL: +91 98999 33080
EMAIL: marwahm@pmw.co.in

WEST REGION

YOGESH WATANE

REGIONAL MANAGER
TEL: +91 22 2636 0181
CELL: +91 96899 25222
EMAIL: wataney@pmw.co.in

SHEOHAN TRILOKEKAR

ASST MANAGER - PARTS SALES
TEL: +91 22 2636 0181 / 184
CELL: +91 84258 71472
EMAIL: trilokekars@pmw.co.in

SOUTH REGION

RAMANA CHARLU

REGIONAL MANAGER
TEL: +91 40 4010 1015
CELL: +91 96420 00338
EMAIL: ramana.charlu@pmw.co.in

AVINASH THAITIPARTHI

PARTS SALES ENGINEER
TEL: +91 40 4010 1015
CELL: +91 88977 31626
EMAIL: avinasht@pmw.co.in

EAST REGION

RANA NANDY

REGIONAL MANAGER
TEL: +91 33 4026 2502
CELL: +91 90881 05594
EMAIL: nandyr@pmw.co.in

KUSHAL GUNIN

PARTS EXECUTIVE
TEL: +91 33 4026 2502
CELL: +91 94355 51533
EMAIL: gunink@pmw.co.in



2

STATIONARY PUMPS



СТС
Специализированный сервис
Помощь 24/7

Putzmeister
100-000

ПРОДАЖА
СЕРВИС
ЗАПЧАСТИ
АРЕНДА

+7 (812) 590-6-777
T: (812) 525-90-01
F: (812) 525-90-16
www.putzmeister.ru

2

Stationary Pumps

2.1 | BSA 702 PARTS

Item	Description	Part Number
Return Line Filter	Filter Insert 10µ 80 l/min dp=20bar	223192009
Return Line Filter 175 m	Filter Cartridge CPL. 175 MUE	062277004
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Wear Ring	Wear Ring ND200/260 HM	C00137900
Thrust Ring	Thrust Ring C 200X220 Mounted W/O Spacer	252898002
Delivery Piston Seal Dia 200mm	Delivery Piston Seal. D200	080372004
Piston Guide Ring Dia 200mm	Guide Ring 200.0X180.0x40.0	080794006
Sponge Ball (Hard)	Sponge Ball D150 HARD	223673007
Reducer Pipe	Reducer ZXV 150 - 6" - SK125 - 5.5"X1200mm	G25696800



2.2 | BSA 1404 HD eSmart PARTS

Item	Description	Part Number
Return Lin Filter	Filter Insert 10µ 80 l/min dp=20bar	223192009
Return Line Filter 175 M	Filter Cartridge CPL. 175 MUE	062277004
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Wear Ring	Wear Ring ND200/260 HM	C00137900
Thrust Ring	Thrust Ring C 200X220 Mounted W/O Spacer	252898002
Delivery Piston Seal Dia 200mm	Delivery Piston Seal, D200	080372004
Piston Guide Ring Dia 200mm	Guide Ring 200.0X180.0x40.0	080794006
Sponge Ball (Hard)	Sponge Ball D150 HARD	223673007
Reducer Pipe	Reducer ZXV 150 - 6" - SK125 - 5.5"X1200mm	G25696800



Stationary Pumps

2.3 | BSA 1405 D eSmart

Item	Description	Part Number
Return Line Filter	Filter Insert 10µ 80 l/min dp=20bar	223192009
Return Line Filter 175 m	Filter Cartridge CPL. 175 MUE	062277004
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Wear Ring	Wear Ring ND200/260 HM	C00137900
Thrust Ring	Thrust Ring C 200X220 Mounted W/O Spacer	252898002
Delivery Piston Seal Dia 200mm	Delivery Piston Seal. D200	080372004
Piston Guide Ring Dia 200mm	Guide Ring 200.0X180.0x40.0	080794006
Sponge Ball (Hard)	Sponge Ball D150 Hard	223673007
Reducer Pipe	Reducer ZXV 150 - 6" - SK125 - 5.5"X1200mm	G25696800



2.4 | BSA 1407 D eSmart PARTS

Item	Description	Part Number
Return Lin Filter	Filter Insert 10µ 80 l/min dp=20bar	223192009
Return Line Filter 175 M	Filter Cartridge CPL. 175 MUE	062277004
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Wear Ring	Wear Ring ND200/260 HM	C00137900
Thrust Ring	Thrust Ring C 200X220 Mounted W/O Spacer	252898002
Delivery Piston Seal Dia 200mm	Delivery Piston Seal, D200	080372004
Piston Guide Ring Dia 200mm	Guide Ring 200.0X180.0x40.0	080794006
Sponge Ball (Hard)	Sponge Ball D150 HARD	223673007
Reducer Pipe	Reducer ZXV 150 - 6" - SK125 - 5.5"X1200mm	G25696800



2.5 | BSA 1407 HD eSmart PARTS

Item	Description	Part Number
Return Line Filter	Filter Insert 10µ 80 l/min dp=20bar	223192009
Return Line Filter 175 m	Filter Cartridge CPL. 175 MUE	062277004
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Wear Ring	Wear Ring ND200/260 HM	C00137900
Thrust Ring	Thrust Ring C 200X220 Mounted W/O Spacer	252898002
Delivery Piston Seal Dia 200mm	Delivery Piston Seal. D200	080372004
Piston Guide Ring Dia 200mm	Guide Ring 200.0X180.0x40.0	080794006
Sponge Ball (Hard)	Sponge Ball D150 HARD	223673007
Reducer Pipe	Reducer ZXV 150 - 6" - SK125 - 5.5"X1200mm	G25696800



2.6 | BSA 1408 HD PARTS

Item	Description	Part Number
Return Line Filter	Filter Insert 10µ 80 l/min dp=20bar	223192009
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Sponge Ball (Hard)	Sponge Ball D150 HARD	223673007



2.7 | BSA 1410 D PARTS

Item	Description	Part Number
Return Line Filter	Filter Insert 10µ 80 l/min dp=20bar	223192009
Sponge Ball (Hard)	Sponge Ball D150 HARD	223673007
Suction Filter	Filter Insert 10MY Nominal	222895006
Spectacle Plate 230 Dia		C00178700
Wear Ring		C00178600
Thrust Ring	Thrust Ring C ND230x260x24 NBR	458878
Delivery Piston 230 Dia	Piston D230 W/Flange	262893000



Stationary Pumps

2.8 | BSA 2109 HD PARTS

Item	Description	Part Number
Return Line Filter	Filter Insert 10μ 80 l/min dp=20bar	223192009
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Delivery Piston Seal Dia 200mm	Delivery Piston Seal. D200	080372004
Piston Guide Ring Dia 200mm	Guide Ring 200.0X180.0x40.0	080794006
Suction Filter	Filter Insert 10MY Nominal	222895006
Sponge Ball (Hard)	Sponge Ball D150 Hard	223673007

2.9 | BSA 1404 E eSmart PARTS

Item	Description	Part Number
Return Lin Filter	Filter Insert 10μ 80 l/min dp=20bar	223192009
Return Line Filter 175 M	Filter Cartridge CPL. 175 MUE	062277004
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Wear Ring	Wear Ring ND200/260 HM	C00137900
Thrust Ring	Thrust Ring C 200X220 Mounted W/O Spacer	252898002
Delivery Piston Seal Dia 180mm	Delivery Piston Seal, D180	056720004
Piston Guide Ring Dia 180mm	Guide Ring D180	056123009
Sponge Ball (Hard)	Sponge Ball D150 HARD	223673007
Reducer Pipe	Reducer ZXV 150 - 6" - SK125 - 5.5"X1200mm	G25696800

2.10 | BSA 1406 E eSmart PARTS

Item	Description	Part Number
Return Line Filter	Filter Insert 10μ 80 l/min dp=20bar	223192009
Spectacle Plate 200 Dia	Spect. Wear Plate ND200/260 540 HM	C00137700
Delivery Piston Seal Dia 200mm	Delivery Piston Seal. D200	080372004
Piston Guide Ring Dia 200mm	Guide Ring 200.0X180.0x40.0	080794006
Suction Filter	Filter Insert 10MY Nominal	222895006
Sponge Ball (Hard)	Sponge Ball D150 Hard	223673007





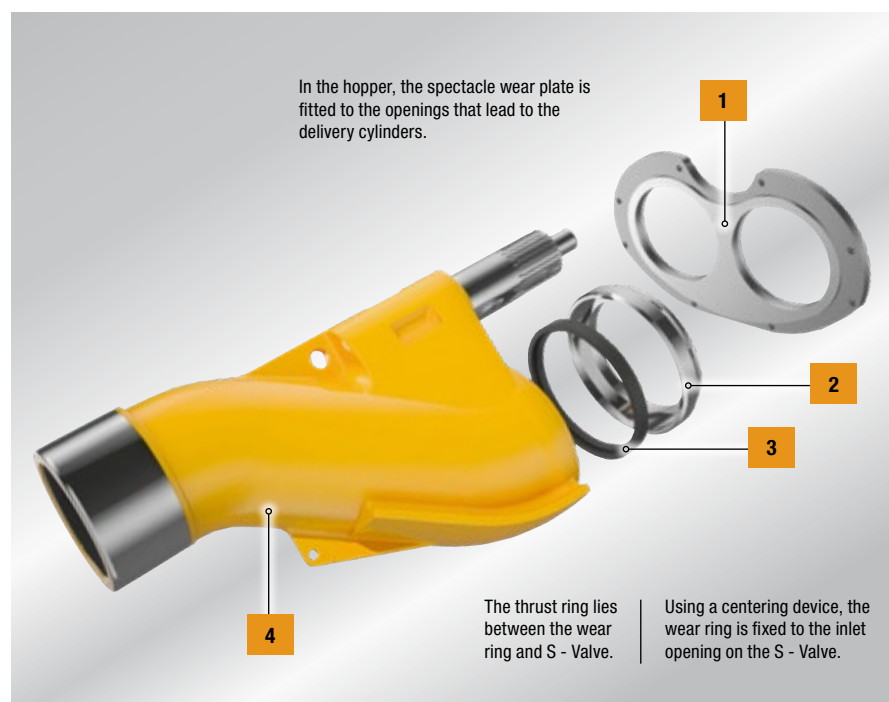
3

BOOM PUMPS



3.1 | WEAR PARTS BY KIT

Item	Description	Part Number
Spectacle Wear Plate	905 Kit	
Wear Ring	ND200/260 Hard Metal	C00137700
Thrust Ring		C00137900
Clamping Plate	Ø 200 NBR	252898002
Version Standard		
Spectacle Wear Plate	907 Kit	
Wear Ring		C00178700
Thrust Ring	Big Mouth Cutting Ring, Ø 230	C00178600
Wear Insert for Ring		458878
905 Carbide w/ 2318 Version		271070005
Wear Ring		
Thrust Ring	Big Mouth Cutting Ring, Ø 230	494520
Wear Insert for Ring	Big Mouth Thrust Ring, Ø 230	458878
Fixing Plate		271070005
Fixing Plate		263728006



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

Boom Pumps

3.2 | WEAR PARTS BY HOPPER TYPE

Item	Description	Part Number
Hopper RS 909		
Thrust Ring	NBR, mounted without Spacer Disc	458878
Wear Ring	Hard Metal	494520
Spectacle Wear Plate	Duro 22, Hole pattern 540, Gray	519314



3.3 | S - VALVE BEARING SEAL KIT

Item	Description	Part Number
S - Valve Bearing Seal Kit		
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



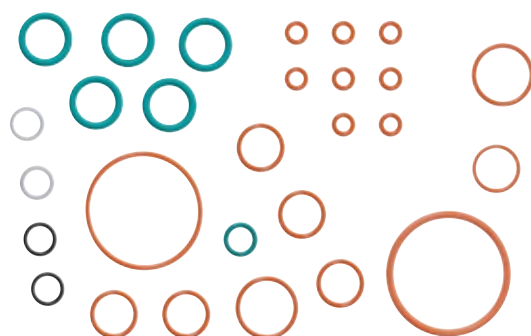
3.4 | SHIFT CYLINDER SEAL KIT

Item	Description	Part Number
Shift Cylinder Seal Kit		
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



3.5 | 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	Drive Cylinder 80mm x 100mm x 40mm	024160007
Seal Kit	Hydraulic Cylinder 140mm/120mm, 900mm/120mm, 800mm/120mm	086877008
Seal Kit	Hydraulic Cylinder D125mm/80mm	235526003
Seal Kit	Hydraulic Cylinder D180mm/105mm	289450002
Seal Kit	Hydraulic Cylinder D200mm/125mm	276997002
Seal Kit	Hydraulic Cylinder D225mm/125mm	230245004
Seal Kit	Hydraulic Motor 530 A58 27	502156
Seal Kit	Hydraulic Motor B159, 60MR	067480003
Seal Kit	Hydraulic Agitator Motor OMH400/OMH500	239696007



3.6 | BEARING FLANGE ASSEMBLY KIT 60MM

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



Boom Pumps

3.7 | OUTLET BEARING HOUSING ASSEMBLY

Item	Description	Part Number
Bearing Assembly		248433002
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



3.8 | HOPPER PARTS

Item	Description	Part Number
RS 905, RS 905A, RS 907A and RS 907 Hopper		
Hopper Grill		400915
Mixing Paddle		441540
Mixing Paddle		441541
Bearing Assembly Mixer Shaft		242572008
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		
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
Holder for Lid Splash Guard		518882
Hopper Door		501457
Hopper Grill	RS 909	523464



3

Boom Pumps

3.9 | 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
Mixer Shaft End	Non - Motor Side, Only necessary on one end, Shaft Size 60mm, used on RS 909 Hopper	539806



3.10 | AGITATOR PADDLE

Item	Description	Part Number
Left Hand Side	Used on all Hopper Models	441540
Right Hand Side	Used on all Hopper Models	441541



3.11 | 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	Usen on FFH - Control, 320 bar, 24V	580765
3/2 - Way Valve Pneumatic	Used on Pneumatic Elements with 24V	063635001



Boom Pumps

3.12 | S - VALVE ACCESSORIES

Item	Description	Part Number
S - Valve S2018N	8" - 7"	402866
S - Valve S2318	9" - 7"	434023/596975
S - Valve Shaft Bearing	D90mm Conical	519127
S - Valve Shaft Bearing with Wear Sleeve	D90mm	274893001
S - Valve Shaft Bearing	D80mm, G3	401783
Switch Lever Shaft	D80mm	458733
Switch Lever Shaft	D90mm	458703
Ball Socket	D60mm/70mm x 38mm, Red	606095
Rod Seals Set	D100mm, used for S - Valve Shaft Bearing D90mm	465473

D = Thick walled shaft

P = Fully hard - faced internally

N = S - Valve without nose

V = Square



3.13 | 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
200mm x 1400mm		240112004
200mm x 1000mm		G529688
180mm x 1000mm		088358004

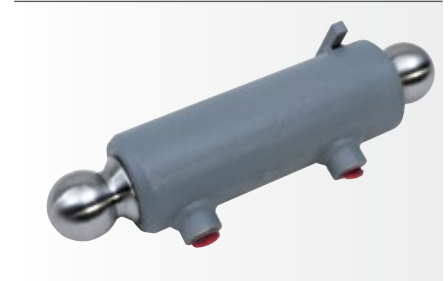


3

Boom Pumps

3.14 | 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
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



3.15 | DRIVER CYLINDER

Item	Description	Part Number
Drive Cylinder 1400 - 110/63Z1467 - 4 - 25		243625006
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



3.16 | 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 .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	540282
Accumulator Pump	Hydraulic Pump R 13 A10V028(13)DR	06737003
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	551745
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
A4F28	Hydraulic Pump L 28.0 A4F028/32L - NSC12N00	531191
A7V28	Hydraulic Pump L 28.0 A7V28 DR	259028008



Boom Pumps

3.17 | 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



3.18 | HYDRAULIC ACCUMULATOR

Item	Description	Part Number
Hydraulic Accumulator	4.0L	066600004
Accumulator Bladder	4.0L	064020000
Hydraulic Accumulator	6.0L	273962001
Accumulator Bladder	6.0L	283868001



3.19 | PISTON

Item	Description	Part Number
Piston Complete	For Gear Box G64 and G61	
Delivery Piston	D150mm - multi	223216004
Delivery Piston	D180mm - multi	234735002
Delivery Piston	D200mm - multi	086236005
Delivery Piston	D230mm - with Flange	262893000
Delivery Piston Seal	D150mm	056839005
Delivery Piston Seal	D180mm	056720004
Delivery Piston Seal	D200mm	080372004
Guide Ring	200mm x 180mm x 40mm	080794006
Guide Ring	D180	056123009
Guide Ring	80mm x 85mm	063667008
Rubber Piston Cup Ring	D90mm x 63mm x 14mm	013288000
Delivery Piston Seal	D180mm	056720004
Delivery Piston Seal	D150mm	056839005
Piston Ring	D110mm x 100.8mm x 3mm	042160005
Piston Ring	D130mm x 121mm x 6.34mm	259760007
Piston Rod	D63mm x 1179mm	028232009
Piston Rod	D63mm x 1579	024270007
Piston Rod Flange	ND40 2xM12 2xD13	608781500
Piston Rod Flange	ND80 2xM16 2xD18	263558001



Boom Pumps

3.20 | 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
Suction Filter Element	10μ	416341
High Pressure Filter	10μ Absolut 40m Class	425836
Air Filter 10μ	Used on all BSF Units	272317000
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



3.21 | 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



3.22 | GAUGE AND HOSE KIT

Item	Description	Part Number
Pressure Gauge	0 - 40 bar	060559009
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	424236
Hydraulic Hose	NW 2x5000mm	063356005
Adapter	R 1/4" Minimes	063358003

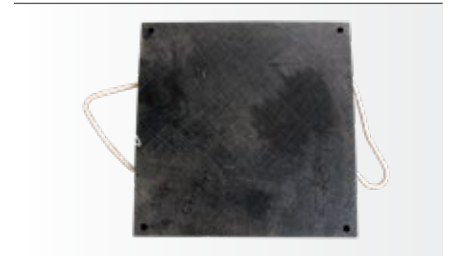


3

Boom Pumps

3.23 | OUTRIGGER PADS

Item	Description	Part Number
Outrigger Pads	Wood 600mm x 600mm x 50mm for 40 - Meter Boom Pump and smaller	570943



3.24 | CATCH BASKET

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

* Also available with HD4" and HD5" connections.



3.25 | 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



3.26 | RUBBER BUFFER

Item	Description	Part Number
Rubber Buffer	A 25 x 20 NBR 45 Shore, Control Box 12V	
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	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



Boom Pumps

3.27 | CLEANING MATERIAL

Item	Description	Part Number
Sponge Ball	D120 Soft	230227006
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	D30 Hard	000239004
Sponge Ball	D80 Hard	000246000
Sponge Ball	D150 Hard	223673007
Cleanout Pig AKA GO - DEVIL	D125 black	253953001
Sponge Pig	150 x 180 Dome	253086004
Cleanout Lid	D235	295052009



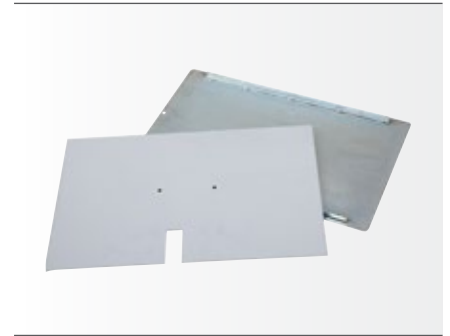
3.28 | GREASE FITTING

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



3.29 | WATER BOXES

Item	Description	Part Number
Cover Plate	Used for most common Putzmeister Water Boxes	467003
Water Drain	Used for most common Putzmeister Water Boxes	
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	554532
Lever for Waterbox Drain	Used for most common Putzmeister Water Boxes	538388
Rubber Buffer	D50x60 M8x26	019011006



3.30 | OIL COOLER ACCESSORIES

Item	Description	Part Number
Oil Cooler 12VDC	Used on Large Line pre - Year 2003	
Replacement Fan for Hydraulic Oil Cooler 12V	Used on Large Line pre - Year 2003	G529623
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



3.31 | THERMOMETER

Item	Description	Part Number
Thermometer	12V, Used for Control Box	
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



3.32 | SPLASH GUARD PARTS

Item	Description	Part Number
Splash Guard	Steel, Used for Boom Pumps with RS 905 and RS 907 Hopper	245994007
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



Boom Pumps

3.33 | 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



3.34 | DIODES FOR CONTROL BOX

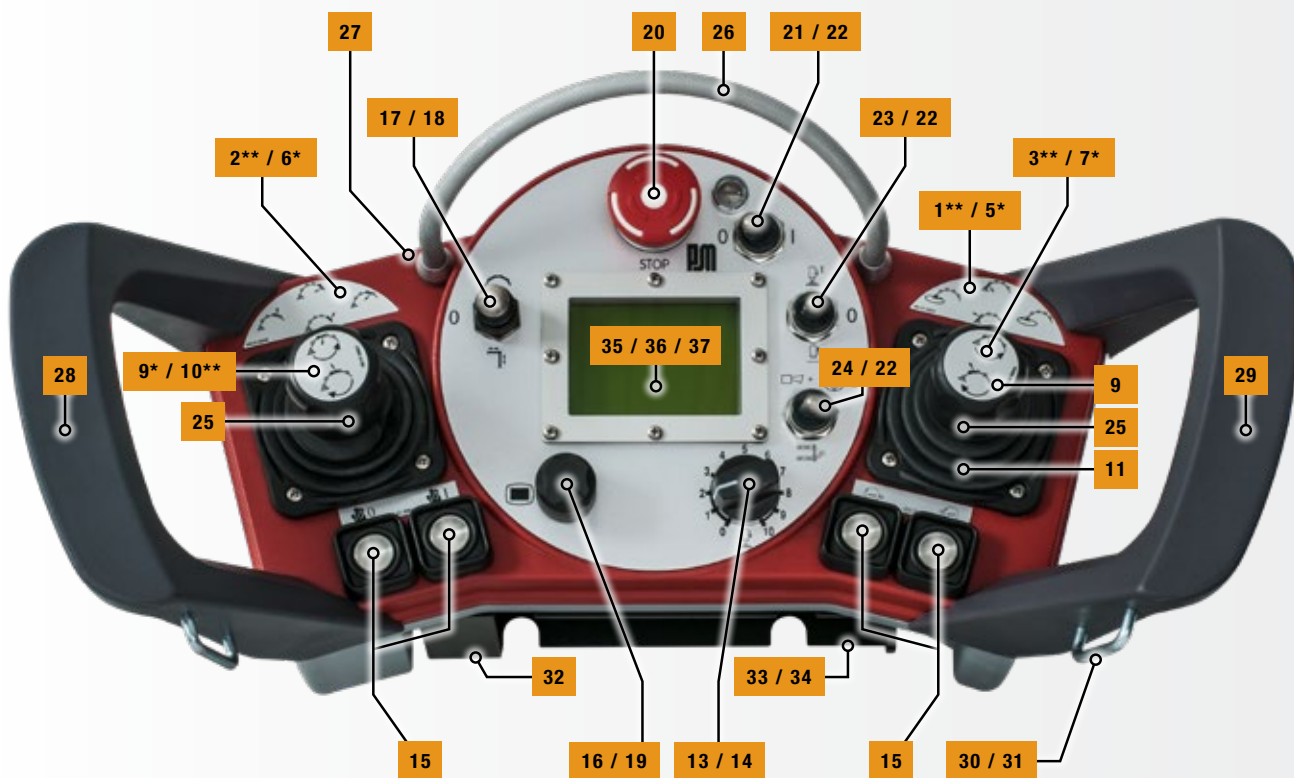
Item	Description	Part Number
Diode	3A 1000V	065151004
Diode	20MA 24V GN 8mm	244846004
Diode	20M - ART 12V 8mm Red LED	246799007
Diode	20MA 12V 8mm Green LED	247102004

3.35 | CONTROL LAMPS FOR CONTROL BOX

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



3.36 | RADIO REMOTE TRANSMITTER FOR RADIO SYSTEM TYPES 727 - 735 AFM







4

BATCHING PLANTS



4

Batching Plants

4.1 | MT 0.5 COMPARTMENT BATCHER

Item	Description	Part Number
Mixing Blade Font Cast Steel	Mixing Blade Font Cast Steel 12000060.00	631625
Fastening Material For Blade	Fastening Material - Blade 12005063.001	631633
Outer Scraper Blade Font	Outer Scraper Blade Font 12000052.000	631626
Fastening Material For Blade	Fastening Material - Blade 12005183.000	631629
Inner Scraper Blade Steel	Inner Scraper Blade Steel 12000051.000	631627
Fastening Material For Blade	Fastening Material - Blade 12006996.013	631632
Wear Sleeves - Rubber For Mixing Arm	Wear Sleeves - Rubber Mixingarm 12000336.000	631628
Oil Filter(Mixer Gear Box)		631529
Skip Rope	Wire Rope 12mm 8x19 23m LNG 21607615.000	614896
Ifm Proximity Switch Ib5063	IFM Proximity Switch IB5063	630587
Limit Switch 1.63 - 04126 "A" Pas 750		652970
Wear Plate Bottom 10mm		631146
Wear Plate Bottom 10mm		631147
Wear Plate Bottom 10mm		631148
Wear Plate Bottom 10mm		631149
Countersunk Screw	Countersunk Screw 71100197.000	631150
Countersunk Screw		631151
Countersunk Screw		631152
Spring Ring	Spring Ring 76200033.000	631153
Wear Plate Outer Wall 10mm	Wear Plate Outer Wall 10mm 16005599.000	631524
Countersunk Screw	Countersunk Screw 71100197.000	631150
Spring Ring	Spring Ring 76200033.000	631153
Outer Scraper Arm		631593
Mounting Inner Scraper	Mounting Inner Scraper 12000050.000	631594
Mixing Arm		631597
Mixing Arm		631598
Mixing Arm		631601
Mixing Arm		631602
Mixing Arm		631603
Mixing Arm Bracket	Mixing Arm Bracket 12000047.000	631595
Mixing Arm Bracket	Mixing Arm Bracket 12000045.000	631596
Mixing Arm Bracket	Mixing Arm Bracket 12000045.000	631596
Mixing Arm Bracket	Mixing Arm Bracket 12000045.000	631596
Mixing Arm Bracket	Mixing Arm Bracket 12000045.000	631596
1.1T S - Type Load Cell		631033
Pneumatic Butterfly - Valve V2fs100gbn	Pneumatic Butterfly - Valve V2FS100GBN	615073
Water Bellow Dia105 X 400mm Long	Water Bellow Dia 105 X 400mm Long	630062
Load Cell Cement 450 Kg	Load Cell Cement 450 Kg	615981
Cement Hop. Bellow Silicon Dia 205x400mm	Cement Hop. Bellow Silicon Dia 205x400mm	630059
Butterfly - Valve V1fs200 Pneu Actuator	Butterfly - Valve V1FS200 Pneu Actuator	615304



Batching Plants

4.1 | MT 0.5 COMPARTMENT BATCHER (Cont...)

Item	Description	Part Number
Discharge Chute Bellow Dia 500x240mm LNG		616039
Load Cell Aggregate	Load Cell Aggregate 2000 Kg	616011
NRV		633329
Pneumatic Cylinder		616089
Return Roller RMX/AWH33		640772
Guide Roller RMX/AWH33		640774
Impact Roller Bracket RMX/AWH337		640775
Impact Roller RMX/AWH338		640776
Rubber Belt RMX/AWH33		640777
Internal Scraper RMX/AWH340		640778
External Scraper RMX/AHW34		640779

4.2 | MT 0.5 INLINE BIN

Item	Description	Part Number
Mixing Blade Font Cast Steel	Mixing Blade Font Cast Steel 12000060.00	631625
Fastening Material For Blade	Fastening Material - Blade 12005063.001	631633
Outer Scraper Blade Font	Outer Scraper Blade Font 12000052.000	631626
Fastening Material For Blade	Fastening Material - Blade 12005183.000	631629
Inner Scraper Blade Steel	Inner Scraper Blade Steel 12000051.000	631627
Fastening Material For Blade	Fastening Material - Blade 12006996.013	631632
Wear Sleeves - Rubber For Mixing Arm	Wear Sleeves - Rubber Mixingarm 12000336.000	631628
Oil Filter(Mixer Gear Box)		631529
Skip Rope	Wire Rope 12mm 8x19 23m LNG 21607615.000	614896
Ifm Proximity Switch Ib5063	IFM Proximity Switch IB5063	630587
Limit Switch 1.63 - 04126 "A" Pas 750		652970
Wear Plate Bottom 10mm		631146
Wear Plate Bottom 10mm		631147
Wear Plate Bottom 10mm		631148
Wear Plate Bottom 10mm		631149
Countersunk Screw	Countersunk Screw 71100197.000	631150
Countersunk Screw		631151
Countersunk Screw		631152
Spring Ring	Spring Ring 76200033.000	631153
Wear Plate Outer Wall 10mm	Wear Plate Outer Wall 10mm 16005599.000	631524
Countersunk Screw	Countersunk Screw 71100197.000	631150
Spring Ring	Spring Ring 76200033.000	631153
Outer Scraper Arm		631593
Mounting Inner Scraper	Mounting Inner Scraper 12000050.000	631594

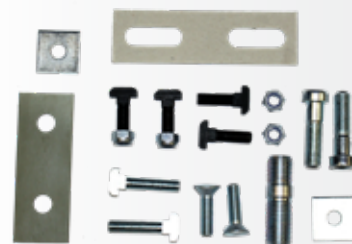


4.2 | MT 0.5 INLINE BIN (Cont...)

Item	Description	Part Number
Mixing Arm		631597
Mixing Arm		631598
Mixing Arm		631601
Mixing Arm		631602
Mixing Arm		631603
Mixing Arm Bracket	Mixing arm bracket 12000047.000	631595
Mixing Arm Bracket	Mixing arm bracket 12000045.000	631596
Mixing Arm Bracket	Mixing arm bracket 12000045.000	631596
Mixing Arm Bracket	Mixing arm bracket 12000045.000	631596
Mixing Arm Bracket	Mixing arm bracket 12000045.000	631596
1.1T S - Type Load Cell		631033
Pneumatic Butterfly - Valve V2FS100GBN	Pneumatic Butterfly - Valve V2FS100GBN	615073
Water Bellow Dia105 X 400mm Long	Water Bellow Dia105 X 400mm Long	630062
Load Cell Cement 450 Kg	Load Cell Cement 450 Kg	615981
Cement Hop. Bellow Silicon Dia 205x400mm	Cement Hop. Bellow Silicon dia 205x400mm	630059
Butterfly - Valve V1FS200 Pneu Actuator	Butterfly - Valve V1FS200 Pneu Actuator	615304
Discharge Chute Bellow Dia 500x240mm LNG		616039
Load Cell Aggregate	Load Cell Aggregate 2000 Kg	616011
NRV		633329
Pneumatic Cylinder		616089
Impact Roller RMX/AWH043		646127
Return Roller RMX/AWH045		646130
Guide Roller RMX/AWH046		646131
Scraper Internal RMX/AWH055		646146
Scraper External RMX/AWH056		646147
Rubber Belt RMX/AWH059		646151

4.3 | MT 0.5 POCKET SOLO

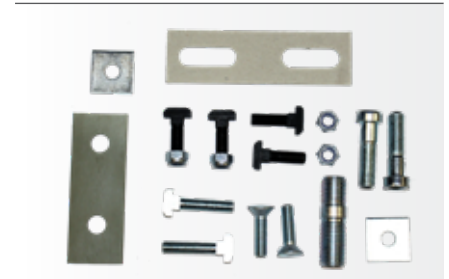
Item	Description	Part Number
Mixing Blade Font Cast Steel	Mixing Blade Font Cast Steel 12000060.00	631625
Fastening Material For Blade	Fastening Material - Blade 12005063.001	631633
Outer Scraper Blade Font	Outer Scraper Blade Font 12000052.000	631626
Fastening Material For Blade	Fastening Material - Blade 12005183.000	631629
Inner Scraper Blade Steel	Inner Scraper Blade Steel 12000051.000	631627
Fastening Material For Blade	Fastening Material - Blade 12006996.013	631632
Wear Sleeves - Rubber For Mixing Arm	Wear Sleeves - Rubber Mixingarm 12000336.000	631628
Oil Filter(Mixer Gear Box)		631529
Skip Rope	Wire rope 12mm 8x19 23m lng 21607615.000	614896



Batching Plants

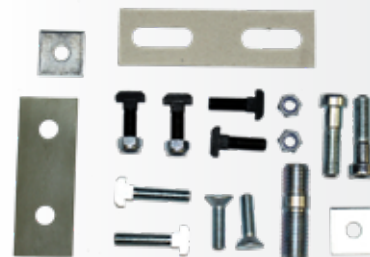
4.3 | MT 0.5 POCKET SOLO (Cont...)

Item	Description	Part Number
Ifm Proximity Switch IB5063	IFM Proximity Switch IB5063	630587
Limit Switch 1.63 - 04126 "A" PAS 750		652970
Wear Plate Bottom 10mm		631146
Wear Plate Bottom 10mm		631147
Wear Plate Bottom 10mm		631148
Wear Plate Bottom 10mm		631149
Countersunk Screw	Countersunk Screw 71100197.000	631150
Countersunk Screw		631151
Countersunk Screw		631152
Spring Ring	Spring Ring 76200033.000	631153
Wear Plate Outer Wall 10mm	Wear Plate Outer Wall 10mm 16005599.000	631524
Countersunk Screw	Countersunk Screw 71100197.000	631150
Spring Ring	Spring Ring 76200033.000	631153
Outer Scraper Arm		631593
Mounting Inner Scraper	Mounting Inner Scraper 12000050.000	631594
Mixing Arm		631597
Mixing Arm		631598
Mixing Arm		631601
Mixing Arm		631602
Mixing Arm		631603
Mixing Arm Bracket	Mixing arm bracket 12000047.000	631595
Mixing Arm Bracket	Mixing arm bracket 12000045.000	631596
Mixing Arm Bracket	Mixing arm bracket 12000045.000	631596
Mixing Arm Bracket	Mixing arm bracket 12000045.000	631596
Mixing Arm Bracket	Mixing arm bracket 12000045.000	631596
1.1T S - type Load Cell		631033
Pneumatic Butterfly - Valve V2FS100GBN	Pneumatic Butterfly - Valve V2FS100GBN	615073
Water Bellow Dia105 X 400mm Long	Water Bellow Dia105 X 400mm Long	630062
Load Cell Cement 450 Kg	Load Cell Cement 450 Kg	615981
Cement Hop. Bellow Silicon dia 205x400mm	Cement Hop. Bellow Silicon dia 205x400mm	630059
Butterfly - Valve V1FS200 Pneu Actuator	Butterfly - Valve V1FS200 Pneu Actuator	615304
Discharge Chute Bellow Dia 500x240mm LNG		616039
Load Cell Aggregate	Load Cell Aggregate 2000 Kg	616011
NRV		633329
Pneumatic Cylinder		616089



4.4 | MT 1.0 Inline Silo With Skip Bucket

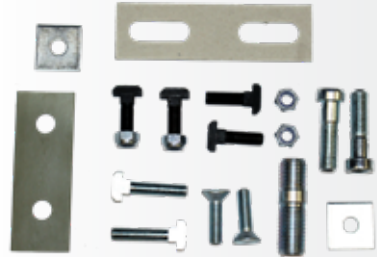
Item	Description	Part Number
Blade	Blade	614615
Bolt		614353
Nut		614489
Washer		614602
Washer		614574
Scraper, Side	Scraper, Side	615558
Guard Plate, Side	Guard Plate, Side	615577
Cushion		615630
Scraper	Scraper	614621
Plate, Protective	Plate, Protective	614716
Cushion		614847
Red Rubber Baffle		615727
Corrugated Pipe	Corrugated Pipe	616001
Corrugated Pipe	Corrugated Pipe $\varnothing 250 \times 500$	615924
Red Rubber Hose	Red Rubber Hose FHT2000.17A - 1	615665
Shaft, Linev - Belt		615833
Rope (Skip)	Wire Rope Component SZS1000A.5.5	615368
Limit Switch		631640
Mixing Shaft Bearing - Right		630806
Mixing Shaft Bearing - Left		630807
Lateral Arm		630859
Components		630860
Lateral Arm		630861
Components		630862
Lateral Arm		630863
Components		630864
Central Arm		630865
Components		630866
Counterpart		630867
Counterpart		630868
Spherical Disk		630871
V - Belt	V - Belt 505734000	630922
Pne Cyl Filter	Filter	630970
Rope (Skip)	Wire Rope Component SZS1000A.5.5	615368
Limit Switch		631640



Batching Plants

4.5 | MT 3.0

Item	Description	Part Number
Mixer Shaft	Main Mixing shaft	663470
	KEY	663468
	Spacer ring, thick	663467
	SPACER RING, thick	663466
	SPACER RING, thin	663465
Rotary Shaft	Rotary shaft seal	663858
Total Qty-02 No. Mixer Arm-663422	Scraper	663421
	Plate, protective	663420
	BACKUP PLATE	663419
	Mixing Arm JSX2000.7.4-3B	663417
	Coupling seat, short JSX2000.7.1-5B	663416
	Bolt	614353
	NUT M20 GB6170 1	609865
	SPRING WASHER-20GB93	568665
	Washer 20 GB97.1	614574
	Bolt M24	663409
	NUT-M24 GB6170	568627
	Washer 24 GB849	663402
	Scraper	663427
	Guard plate, side	663425
Total Qty-02 No. Mixer Arm-663428	CUSHION	663424
	SIDE MIXING ARM JSX2000.7.1-4B	663423
	Coupling seat, short JSX2000.7.1-5B	663416
	Bolt	614353
	NUT M20 GB6170 1	609865
	SPRING WASHER-20GB93	568665
	Washer 20 GB97.1	614574
	Bolt M24	663409
	NUT-M24 GB6170	568627
	Washer 24 GB849	663402
	Scraper	663462
Total Qty-12 No. Mixer Arm-663463	BACKUP PLATE	663419
	Mixing arm, main	663461
	Long Coupling Seat	663455
	Bolt	614353
	NUT M20 GB6170 1	609865
	SPRING WASHER-20GB93	568665
	Washer 20 GB97.1	614574
	Bolt M24	663409
	NUT-M24 GB6170	568627
	Washer 24 GB849	663402
	Scraper	663462



4.5 | MT 3.0 (Cont...)

Item	Description	Part Number
Total Qty-02 No. Mixer Arm-663464	Scraper	663421
	Plate, protective	663420
	CUSHION	663424
	Mixing Arm JSX2000.7.4-3B	663417
	Coupling seat, short JSX2000.7.1-5B	663416
	Bolt	614353
	NUT M20 GB6170 1	609865
	SPRING WASHER-20GB93	568665
	Washer 20 GB97.1	614574
	Bolt M24	663409
	NUT-M24 GB6170	568627
	Washer 24 GB849	663402
Grease pump unit	Grease Pump	663790
	Pumping Unit	663731
Set of Mixer Wear Parts 664206	Wear plate upper square	664205
	Wear plate trapeziform arc	664204
	Wear plate diamond arc	664203
	Wear plate outer side	664202
	Wear plate left side	664200
	Wear plate right side	664199
	Wear plate middle	664198
	TILING, DISCHARGE DOOR	664195
	Discharge door	664193
	Screw M16X50GB2673	568599
	PLAIN WASHER-16GB97.1	569714
	NUT M16GB6170 16	609888
	Spring washer	569025
	ScrewJS2000A.3.2-12	644697
Mixer Level Assembly MT 3.0 664340	Mixer Discharge Chute_MT3.0	662835
	Clamp	664929
	Cement Bellow_Dia330x200 lg_MT3.	663092
	HOSE CLAMP D310 – 330 mm	664946
	Water Bellow_Dia173x200 lg_MT3.	663091
	HOSE CLAMP D170-190 B14.3	252868003
	Cement_Dust_MT3.0_ flexible	664862
	HOSE CLAMP D170-190 B14.3	252868003
	Discharge hopper bellow_Dia605x600	663094
	Vibrator MVE200/3	615895
Cement Weighing 664363	Pneumatic Butterfly-Valve V1FS300GBN-WF	615426
	Cement Hopper gasket MT1.0	640745
	Load Cell 1100kg Beam Type	662124

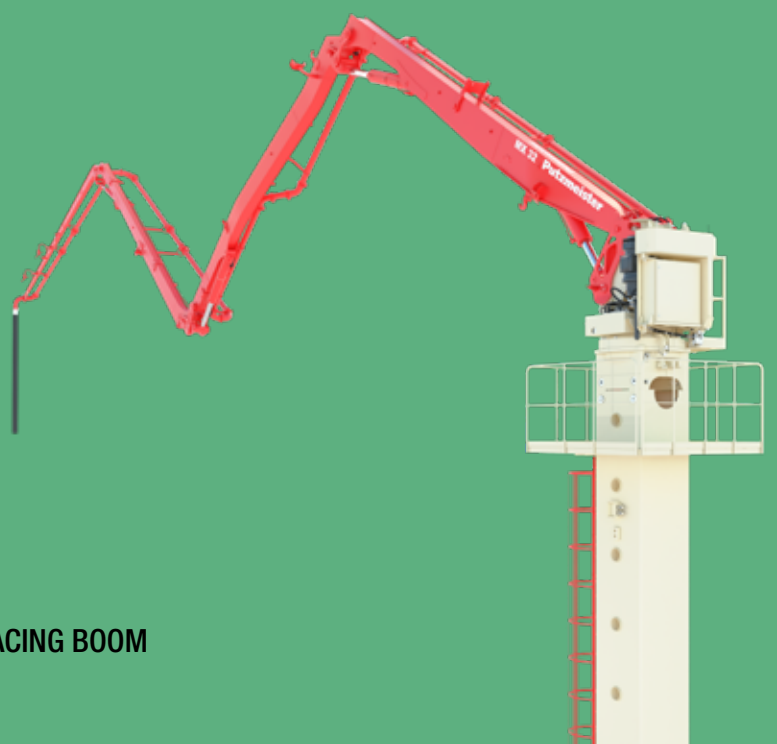


Batching Plants

4.5 | MT 3.0 (Cont...)

Item	Description	Part Number
Water Measuring System	Valve	614659
Water Weighing System 664364	Water Hopper gasket_MT1.0	640080
	Water Hopper Flange with pipe_MT3.0	671213
	1.1T S-type load cell	631033
Adimixture System 669053	Load Cell 225 Kg beam type	662123
	2/2 WAY PNUMATIC VALVE_SRT-S-25	630706





5

PLACING BOOM



5.1 | MX 32 - 4

Item	Description	Part Number
Suction filter	Filter Element 10µ F/ Suction Filter	551476
Filter element	Filter Cartrid. 10MY 110 l/min dp>=50bar	273827007
Filter element	Filter Element 10µ Paper	272318009







6

MORTAR MACHINES



6

Mortar Machines

6.1 | P 13

Item	Description	Part Number
Flexible Mortar Nozzle (18 Mm)	Nozzle Flexible Mortar 18mm	001329007
Sponge Ball 60mm For ID50 Hose	Sponge Ball D 60 Medium	000212005
Leather Packing 100 X 12 X 20 X 5	Leather Packing, 100x 13x20x5	013276009
Plain Compression Ring 90 X 63 X 14	Rubber Piston Cup Ring	013288000
Oil Filter		591878
Fuel Filter		591879
Safety Valve		002241003
Valve Boll 50VG	Valve Ball Rubber 50mm	013153009

6.2 | MP 25

Item	Description	Part Number
Spray Gun , V35	Spray Gun Pvc V35	203054002
Fine Plast Nozzle Rubber 14 Mm	Nozzle Rubber 14mm	214754003
Sponge Ball 45mm	Sponge Ball D 45 Medium	065044001
Water Connection Piece M35		070692008
Suction Hose		509540
Suction Busket		509535
Sponge Ball 30 Mm	Sponge Ball D 30 Hard	00239004
D5 Stator	Stator, D5 Short Brown	071011002
D6 Stator	Stator D6 Power Red	206345006
O Ring 40x2	O-Ring 40.0 X 2.0 NBR70	041095003







7

TELEBELT



7.1 | 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



Belts 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



7.2 | 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



7.3 | 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
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



FRONT-END LOADER HOPPER



LOW-PROFILE HOPPER



ROCK HOPPER

7.4 | 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



7.5 | 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	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
B 130 and TB 600 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 A321470, Inner Labyrinth Seal, used on TB 80, TB 105, TB 110 and TB 130	A321643
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
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
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



7.6 | 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
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



7.7 | BOOM CONTROL HYDRAULIC BLOCK

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



7.8 | 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 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



7.9 | 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	8" Outer Diameter, used on TB 110, TB 130, TB 600 and TB 200	A320571



7.10 | HYDRAULIC CYLINDERS

Item	Description	Part Number
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



7.11 | HYDRAULIC JACK SET

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



7.12 | 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



7.13 | 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



7.14 | 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



7.15 | OUTRIGGER PADS

Item	Description	Part Number
Wood 600mm x 600mm x 50mm Used on all Telebelts	A126017	A320413





8

TRAINING



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 conducted by Putzmeister. We cover operation and maintenance of boom pumps, stationary pumps, stationary boom placers, batching plants and mortar machines. Our program includes :

- Classroom Training
- Practical hands - on training
- Safety training.

We conduct training at our headquarters in Goa, in our regional office and at our customer premises. Visit the Training section on our website to view upcoming courses.

Please register at least four weeks in advance to guarantee hotel/guest house availability in case of training at the Goa Training Centre.

To register,
Contact our TRAINERS

Mr. Chikkanagowda Godi
+91 83789 09209

Mr. Azharuddin Shaikh
+91 70309 25988

THANK YOU FOR BEING A VALUED PUTZMEISTER CUSTOMER. OUR DEDICATED TEAM IS ALWAYS READY WITH TIMELY SERVICE, RELIABLE SUPPORT AND GENUINE PARTS. FEEL FREE TO CONTACT US AT ANY TIME FOR ASSISTANCE.

Putzmeister Concrete Machines Pvt. Ltd.

Plot No. N4, Phase 4, Verna Industrial Estate,
Salcette - Goa 403 722. INDIA.
Tel. +91 (832) 6696 000
Fax +91 (832) 6696 300
Whatsapp: +91 91585 34123
www.putzmeister.com



For all your support needs, contact - **Sales:** sales@pmw.co.in | **Service:** aps@pmw.co.in

Regional Offices: **NORTH:** 011 4200 5600, **EAST:** 033 6614 2525, **WEST:** 022 2636 0181 / 82, **SOUTH:** 040 4010 1015

Service Call Centre: **NORTH:** 99100 25721, **EAST:** 84200 59909, **WEST:** 73877 00081,
SOUTH (AP, TN): 78939 22727, **SOUTH (KAR, KERALA):** 90080 65829

PM 4900 IN