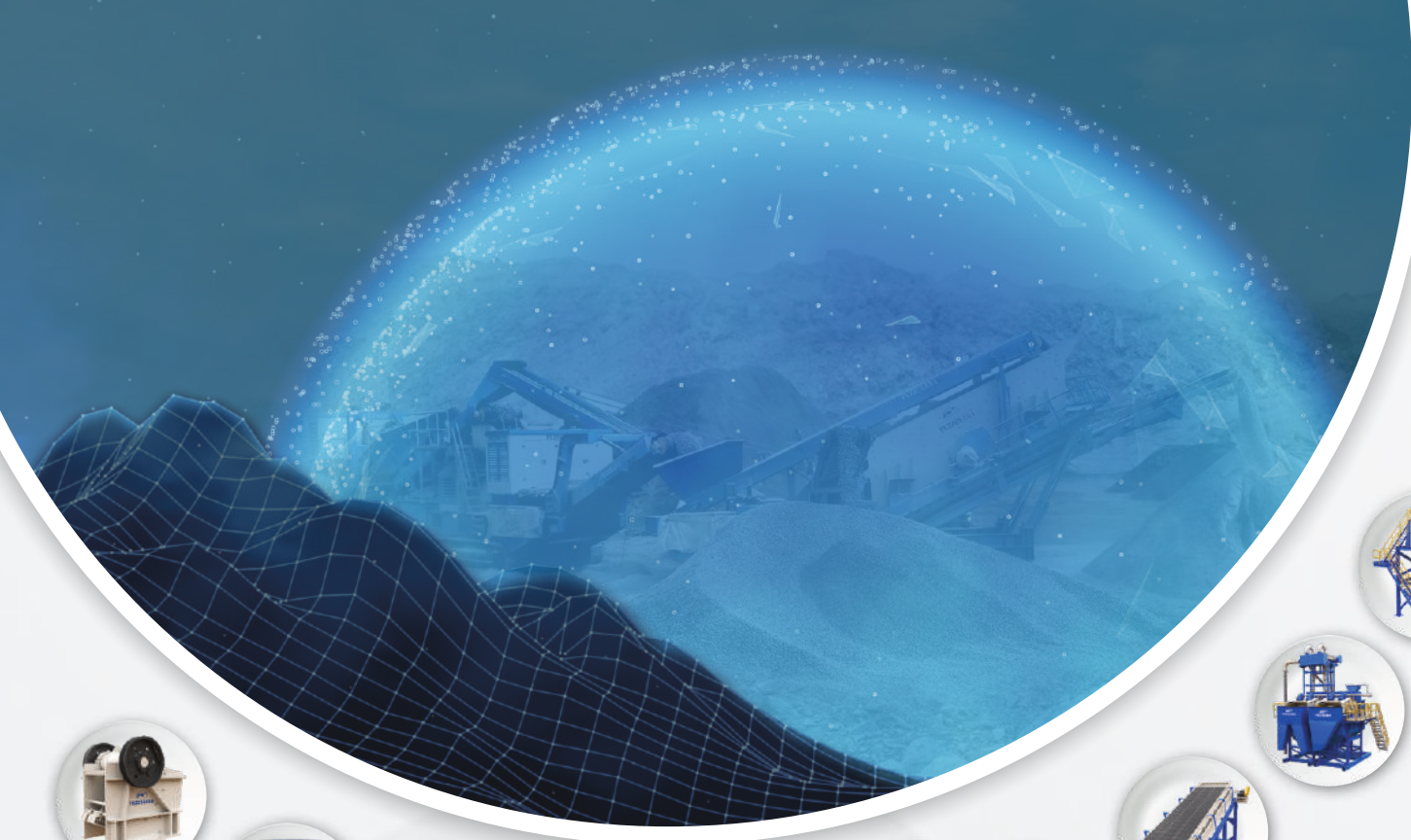




PUZZOLANA

DELIVERING EXCELLENCE



Powering Global Infrastructure

Crushers | Screens | Classifiers | Mobile Plants | Wear Parts

PUZZOLANA



www.puzzolana.com

INTRODUCTION



PUZZOLANA, a Hyderabad-based diversified group stands as Asia's largest crushing and screening manufacturer, setting industry benchmarks across 30 countries. A proud CE-certified "Make in India" entity. PUZZOLANA embodies a Six-decade Legacy of delivering effective, economical and environmentally efficient solutions in the field of Crushing, Screening & Mining.

The brand's unwavering commitment to engineering excellence and customer satisfaction is evident in its extensive product portfolio, including jaw crushers, cone crushers and innovative solutions like the PTech Screen.

PUZZOLANA's modular, wheeled, and mobile crushing plants backed by in house capabilities in engineering and world class infrastructure, showcase a relentless pursuit of quality up to CE standards

Beyond mere market leadership, PUZZOLANA's ethics revolves around sustainability, and innovation. The brands foray into road making machines and pioneering efforts in processing C&D Waste reflect a holistic approach towards meeting diverse construction needs. With a focus on R&D the company adapts state of art technologies epitomizing a vision for engineering excellence that contributes to sustainable future.

PUZZOLANA's success is not just measured by its extensive product range but also by its ability to create leading relationships with customers through transparent solutions, constant aftermarket supports and robust network of dealers. As the "Crusher Man of India" Mr. Prakash Pai's visionary leadership has steered PUZZOLANA towards becoming a trusted name, synonymous with uncompromising quality, indigenous technology and culture of continuous improvement. In essence, PUZZOLANA is not just a brand, it is a symbol of precision engineering, innovative and a steadfast commitment to building a sustainable future.

We welcome you to the Puzzolana experience! Being customer centric and focusing on the needs of the industry has meant continued bonds with customers, financiers, and suppliers like none other

Prakash Pai P

We are proud to be a leader in innovation, technology, manufacturing, and metallurgy developed indigenously and scaling globally. Truly a Make in India initiative

Anantha Pai P

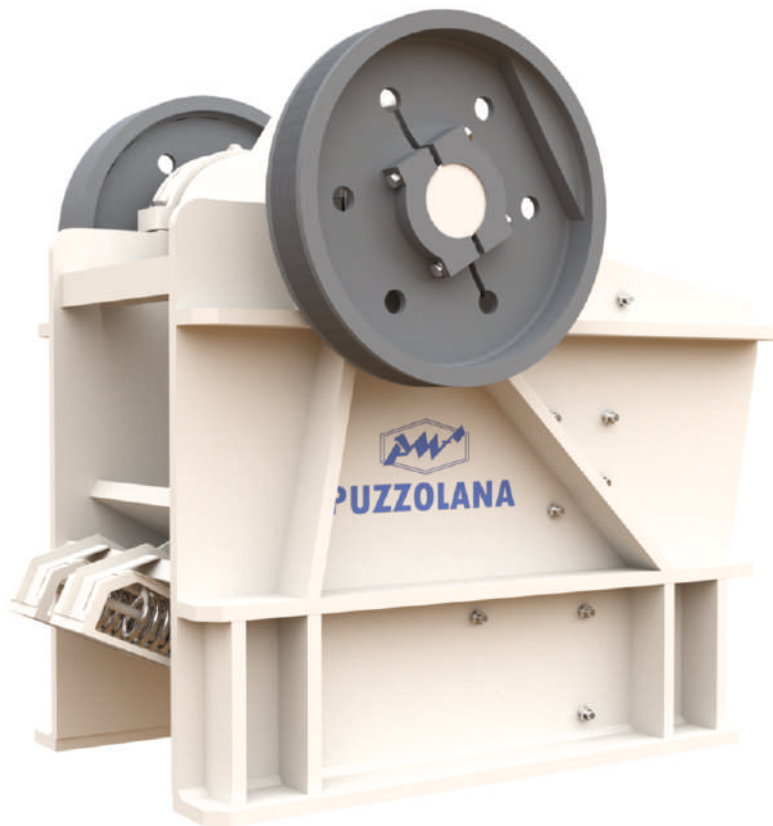
OUR PILLARS



CONSTRUCTION MACHINERY RANGE



JAW CRUSHER



**Durable,
High-performance,
Resilient**



**Reliable,
User-friendly,
Efficient**



**Elliptical,
Efficient,
Productive.**



**Heavy-duty,
Versatile
and Reliable.**

Capacity Chart

MODEL NO	FEED OPENING (mm)	FEED SIZE (mm)	CSS RANGE In mm (Min/Max)	CAPACITY RANGE IN T.P.H (Min/Max)	KW	RPM
PJC 7650	760 X 500 (30"X20")	425	50 - 175	40 - 200	45	295
PJC 9260	915 X 610 (36"X24")	500	65 - 175	70 - 300	75	250
PJC 11282	1115 X 815 (44"X32")	650	75 - 200	150 - 450	110	250
PJC 12096	1220 X 965 (48"X38")	800	100 - 250	190 - 700	160	238
PJC 120105	1220 X 1065 (48"X42")	875	125 - 250	240 - 600	185	220
PJC 130120	1320 X 1220 (52"X48")	1000	125 - 250	350 - 825	250	220
PJC 150128	1500 X 1280 (59"X50")	1050	175 - 300	550 - 1050	250	200

Note:

The capacity figure indicated are approximate and are based on continuous regular feed of stone of Bulk density 1.6T/Cu.m with standard Jaw liners. Lower capacity indicated are for hard stone and higher capacity are medium hard stone. However, they may vary based on type of feed material, gradation of feed, type of feeding, clay and moisture content, bulk density and fractured properties of feed material. Continuous development in the design and construction techniques may result in changes. We reserve the right to make any alteration or modification which we feel as an improvement. Please consult Puzzolana for latest information. CSS of minimum size is based on rock properties.



SCAN FOR MORE INFO

JAW CRUSHER



**Durable,
High-performance,
Resilient**



**Reliable,
User-friendly,
Efficient**



**Elliptical,
Efficient,
Productive.**



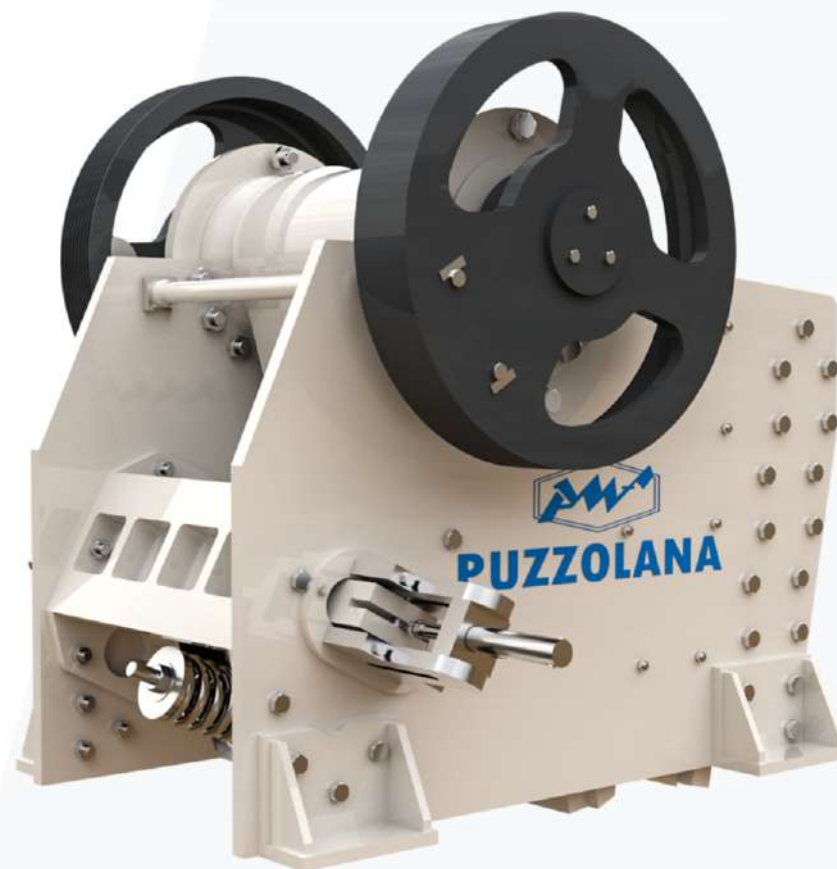
**Heavy-duty,
Versatile
and Reliable.**

Capacity Chart

Model No.	Feed Opening mm	Max Feed Size mm	CSS Range in mm (Min/Max)	Capacity Range in T.P.H (Min/Max)	KW	RPM
PJC 10770	1060 X 700	560	70-200	150 - 550	110	280
PJC 11076	1100 X 760	625	75-225	150 - 500	132	250
PJC 11776	1170 X 760	625	70-200	165 - 580	132	260
PJC 14076	1400X 760	650	100-225	240- 700	160	250
PJC 12292	1220 X 915	750	100-229	229 - 635	185	225
PJC 137107	1370 X 1070	900	125-250	400 - 900	200	220
PJC 200150	2000 X 1500	1300	175-310	675 - 1575	400	200

Note:

The capacity figure indicated are approximate and are based on continuous regular feed of stone of Bulk density 1.6T/Cu.m with standard Jaw liners. Lower capacity indicated are for hard stone and higher capacity are medium hard stone. However, they may vary based on type of feed material, gradation of feed, type of feeding, clay and moisture content, bulk density and fractured properties of feed material Continuous development in the design and construction techniques ,may result in changes . We reserve the right to make any alteration or modification which we feel as an improvement. Please consult Puzzolana for latest information. CSS of minimum size is based on rock properties





CONE CRUSHER G - TYPE



**Robust, Reliable,
Durable**



**Efficient, Economical,
Optimal**



**Automatic Iron
Ejection**



**Lubricated
Roller Bearings**

CAPACITY CHART

Model No.	Motor Power Rating in kW	Normal Feed Opening in mm	Normal CSS RANGE IN MM (Min/Max)	Capacity Range in T.P.H(Min/Max)
PGC 3392	132-160	330	35 - 50	170 - 300
PGC 45120	200-250	450	40 - 60	250 - 520

Note:

The minimum CSS setting is decided by the chamber selection (extra coarse/coarse/medium) and operating conditions. The capacity figures indicated in the chart are approximate total through put based on the continuous regular feed having bulk density of 1.6 Ton/Cu.M. Actual capacity will vary depending on the type of material, feed gradation, moisture content and other site specific operating conditions.



SCAN FOR MORE INFO

CONE CRUSHER H - TYPE



**Robust, Reliable,
Durable**



**Automatic Iron
Ejection**



**Lubricated
Roller Bearings**



Capacity Chart

Model No.	Motor Power Rating in KW	Crushing Chamber Type	Normal Feed Opening in mm	Normal CSS Range in mm (Min/Max)	Capacity Range in T.P.H (Min/Max)
PCC 0672	55 - 75	FINE	60	10 - 16	30 - 50
PCC 1072		MEDIUM	100	13 - 19	40 - 60
PCC 1472		COARSE	140	16 - 22	50 - 75
PCC 0882	75 - 110	FINE	80	10 - 16	50 - 75
PCC 1182		MEDIUM	110	13 - 19	60 - 90
PCC 1582		COARSE	150	19 - 25	75 - 120
PCC 0992	90 - 132	FINE	90	13 - 19	65 - 120
PCC 1592		MEDIUM	150	16 - 25	90 - 190
PCC 1992		COARSE	190	19 - 32	125 - 220
PCC 11100M	110 - 160	FINE	110	16 - 22	100 - 180
PCC 16100		MEDIUM	160	19 - 25	130 - 220
PCC 22100M		COARSE	220	19 - 32	140 - 260
PCC 10110	160 - 200	FINE	100	16 - 22	125 - 205
PCC 18110		MEDIUM	180	19 - 25	160 - 250
PCC 26110		COARSE	260	22 - 38	200 - 350
PCC 11120	220 - 250	FINE	110	16 - 22	150 - 230
PCC 16120		MEDIUM	160	19 - 25	200 - 290
PCC 25120M		COARSE	250	25 - 38	280 - 370
PCC 28120M	220 - 250	EXTRA COARSE	280	25 - 42	295 - 420
PCC 30125		EXTRA COARSE	300	32 - 45	350 - 520
PCC 25130		COARSE	250	25 - 38	300 - 400
PCC 34130	315 - 355	EXTRA COARSE	340	32 - 50	350 - 570
PCC 13150		FINE	130	19 - 32	370 - 490
PCC 20150		MEDIUM	200	22 - 38	420 - 550
PCC 33150M	315 - 355	COARSE	330	25 - 42	470 - 600
PCC 40150		EXTRA COARSE	400	32 - 50	520 - 650
PCC 45170		COARSE	450	32 - 50	520 - 675

Note:

The minimum CSS setting is decided by the chamber selection (extra coarse/coarse/medium) and operating conditions. The capacity figures indicated in the chart are approximate total through put based on the continuous regular feed having bulk density of 1.6 Ton/Cu.M. Actual capacity will vary depending on the type of material, feed gradation, moisture content and other site specific operating conditions.



SCAN FOR MORE INFO

FIXED SHAFT CONE CRUSHER



High reduction
and productivity



Long-life antifriction
bearings



Extended liner
wear life



Quick hydraulic
setting adjustment



PFSC



PFSCH

CAPACITY CHART

Models(*)	Feed Opening max	CSS Range mm	Capacity Range TPH (**)	Motor Power KW
PFSCH 100	235	13 - 30	80 - 210	160
PFSCH 110	300	16 - 40	140 - 280	220
PFSCH 115	265	13 - 40	160 - 310	220
PFSC 120	350	10 - 50	120 - 490	220
PFSC 140	410	10 - 50	130 - 575	315

Note:

The minimum CSS setting is decided by the chamber selection (extra coarse/coarse/medium) and operating conditions.

The capacity figures indicated in the chart are approximate total through put based on the continuous regular feed having bulk density of 1.6Ton/Cu.m. Actual capacity will vary depending on the type of material, feed gradation, moisture content and other site specific operating conditions.



SCAN FOR MORE INFO

VERTICAL SHAFT IMPACT CRUSHER



**Efficient
lubrication system**



**Easy maintenance
bearings**



**Dual crushing
chamber types**



**Ideal for cubical
output & fines**



CAPACITY CHART

Model No	Feed Size in mm	No. of Ports	Capacities(T/H) (Min-Max)*	Power KW	Maximum Tip Velocity (m/s)
PMVSI 500	20-25	4	50-90	45-75	45-60
PMVSI 600	20-25	4	70-130	75-132	45-60
PMVSI 700 MDR	20-30	3/4	120-160	132-160	45-60
PMVSI 750 MDR	25-40	3/4	160-250	160-220	45-60
PMVSI 800 MDR	25-40	3/4	250-300	250-315	45-60
PMVSI 850 MDR	25-45	3/4/5	300-350	315-370	45-60
PMVSI 900 MDR	25-45	3/4/5	350-400	320-440	45-60
PMVSI 950 MDR	25-45	3/4/5	420-500	440-500	45-60

Note:

Capacity figures are indicative for material of 1.6 T/Cu.M bulk density. Actual figures may vary depending on type of feed material, gradation of feed, clay and moisture content and fracture property of feed material. Maximum feed size, through put and power requirement dependent on actual feed material, product requirements, material abrasiveness and strength properties. VSI Capacity & Product quality will depend on Feed Material Characteristics and Feed Gradation to circuit. Feed quality should not be slabby / laminated and Elongation & Flakiness Product Shape & Gradation. Its meeting NHAI or any other product specifications / quality requirement. 10-15% under size in oversize & oversize in under size will be present in all should be less than 40% in the feed to VSI circuit. No Guarantee from PMF on products 0-5mm needs classification and has to be installed by customer at his Cost if required



SCAN FOR MORE INFO

| ROLL PRESS



Auto roll gap control



Flanged rollers for pressure



Balanced torque & wear



CAPACITY CHART

Model No	Roller Diameter in mm	Roller Width in mm	Power in kW	Roller Speed* (RPM)	Crushing Pressure* (N/mm)	Top Size in mm	Capacity** (TPH) (Min/Max)
PRP 5080	800	500	2 x 75	28.8	2.5	32	60/70
PRP 65105	1050	650	2 x 132	25.8	4.5	32	100/120

Note:

The capacity and parameters indicated in the above chart are approximate and subjected to change with latest versions. Continuous development in the design and construction techniques, may result in changes. We reserve the right to make any alteration or modification which we feel as an improvement. Please consult Puzzolana for latest informat

* Variable

** For Sand production



SCAN FOR MORE INFO

SANDER



**Exclusively Designed
Sander Crusher**



Low CSS



**Reduces
150 microns**

CAPACITY CHART

Model No	Motor Power Rating in kW	Normal Feed Opening in mm	Throughput capacities in T.P.H at closed side setting in mm					
			6	8	10	12	15	20
SANDER 92	132	60	55-75	65-95	70-110	80-115		
SANDER 100	185	60		75-110	90-130	100-150	110-160	
SANDER 110	200	60		100-130	105-150	115-165	130-185	
SANDER 120	220	60			120-170	130-180	150-210	180-250

Note:

The minimum CSS setting is decided by the chamber selection (extra coarse/coarse/medium) and operating conditions. The capacity figures indicated in the chart are approximate total through put based on the continuous regular feed having bulk density of 1.6 Ton/Cu.M.

Actual capacity will vary depending on the type of material, feed gradation, moisture content and other site specific operating conditions.



SCAN FOR MORE INFO



PLASTER SANDER



**Exclusively Designed
Plaster Sander Crusher**



**Low CSS
(3-8mm)**



**Ideal for
plaster sand**

CAPACITY CHART

Model No	Motor Power Rating in kW	Normal Feed opening in mm	Throughput capacities in T.P.H at closed side setting in mm		
			3	5	8
PLASTER SANDER 03100	185	30	40-55	65-90	85-125
PLASTER SANDER 03110	200	30		70-95	90-135
PLASTER SANDER 04120	220	40		80-105	100-150

Note:

The minimum CSS setting is decided by the chamber selection (extra coarse/coarse/medium) and operating conditions. The capacity figures indicated in the chart are approximate total through put based on the continuous regular feed having bulk density of 1.6 Ton/Cu.M. Actual capacity will vary depending on the type of material, feed gradation, moisture content and other site specific operating conditions.



SCAN FOR MORE INFO

GRIZZLY FEEDER

CAPACITY CHART

Model No.	Width in (mm)	Length in (mm)	Capacity in TPH	Power in KW
PGF 830	800	3000	100	2 x 3.0
PGF 1039	1000	3900	175	2 x 3.8
PGF 1142	1100	4200	250	2 x 4.3
PGF 1545	1500	4500	350	2 x 8
PGF 1650	1600	5000	600	2 x 8.5

Note:

Note: Capacity figures are indicative for material of 1.67/Cu. M bulk density and considering horizontal position Actual figures may vary depending on type of feed material, feeder inclination, gradation and size of feed rock, clay and moisture content



Handles heavy dump load



Low power usage

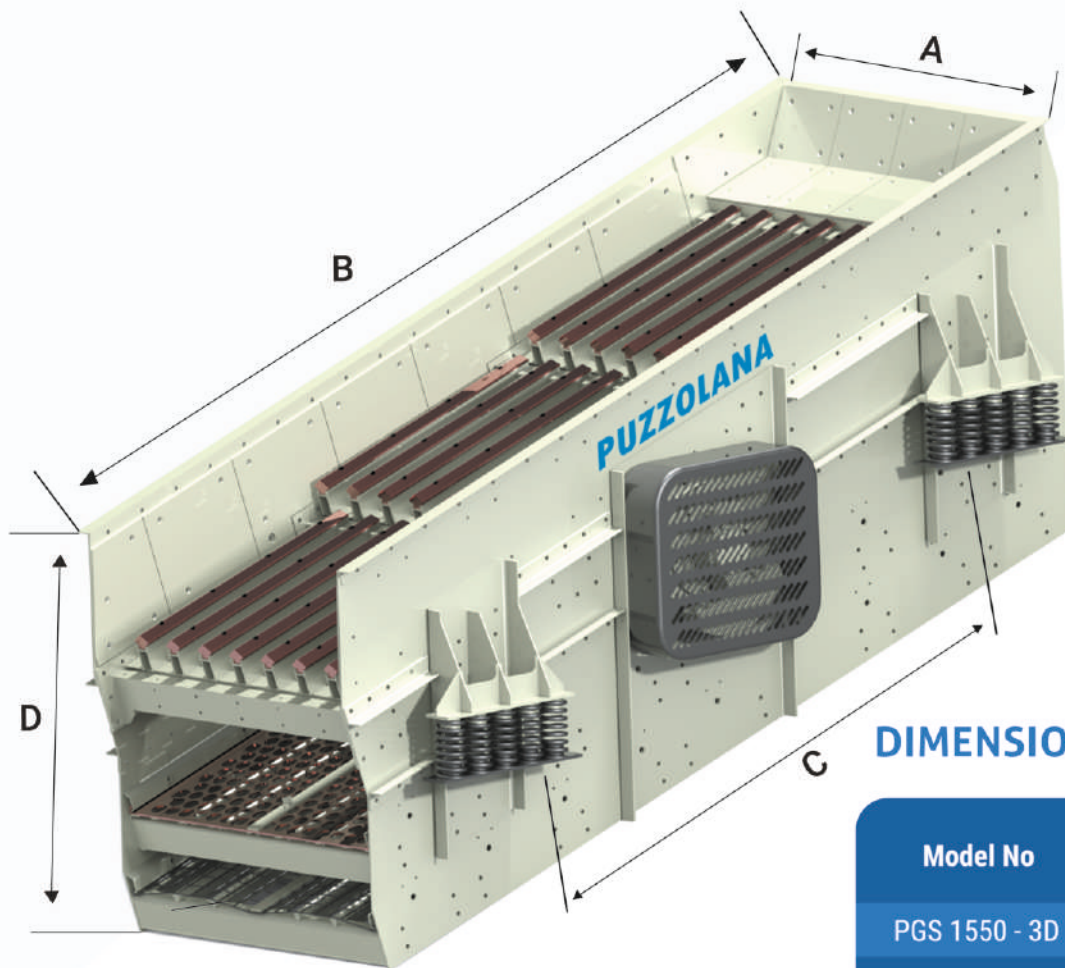


Customizable suits for applications



High scalping efficiency





GRIZZLY SCREEN



2/3-deck configurations
available



Self-aligning
spherical bearings



Heavy-duty circular
motion screens



Easy maintenance
access

DIMENSION CHART

Model No	Power rating in kw	A	B	C	D
PGS 1550 - 3D	22	1500	5180	3430	1975
PGS 1850 - 2D	30	1800	5330	3535	1750
PGS 1850 - 3D	37	1800	5180	3430	2050
PGS 2150 - 2D	47	2100	5330	3535	1750

Note:

Dimensions are intended only as a guide for preliminary planning of the layout and should not be used for the construction of foundation etc., Continuous development in the design and construction techniques, may result in some changes in the above dimensions. We reserve the right to make any alteration or modification which we feel as an improvement. Please consult Puzzolana for latest information. For installation and foundation separate general arrangement drawing can be furnished on request.



SCAN FOR MORE INFO

VIBRATING SCREEN



Optimized for
any grain size



Custom design for
high performance



Enhanced screening
with stress analysis



DIMENSION CHART

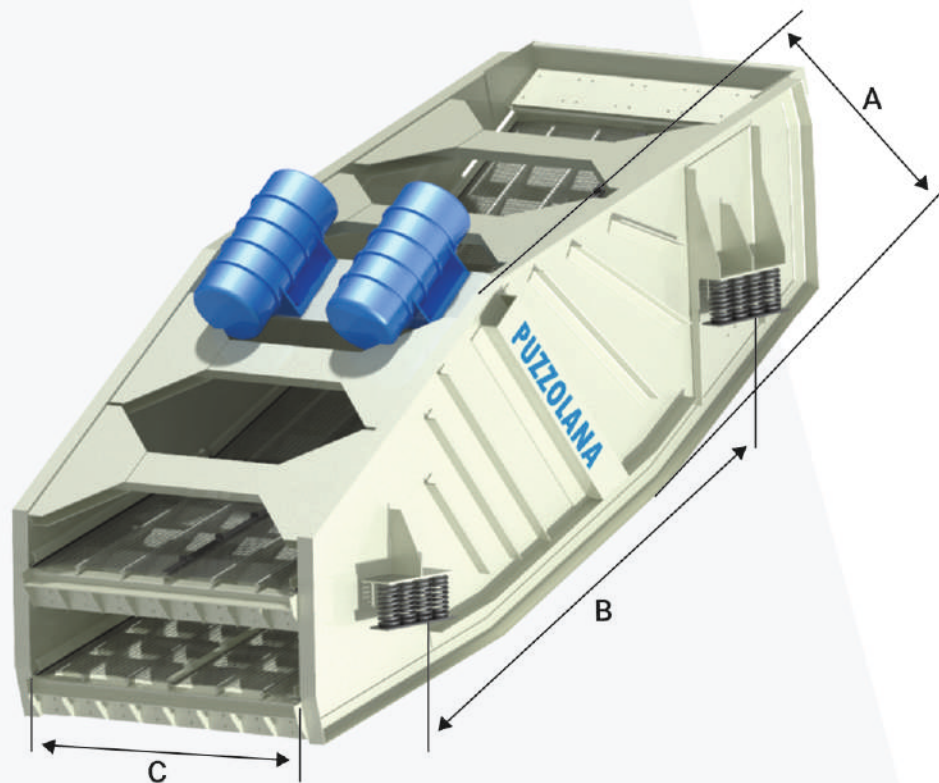
Model No.	Motor Power (kW)			A	B			C			D		
	2 Deck	3 Deck	4 Deck		2 Deck	3 Deck	4 Deck	2 Deck	3 Deck	4 Deck	2 Deck	3 Deck	4 Deck
PVS 1240	11	11	-	1220	2505	2505	2505	4130	4135	-	1315	1695	-
PVS 1545	15	22	22	1520	2820	2820	2820	4620	4620	4620	1240	1650	2050
PVS 1845	15	22	22	1820	2820	2820	2820	4620	4620	4620	1240	1650	2050
PVS 2060	22	22	22	2020	3524	3524	3524	6110	6110	6110	1350	1800	2300
PVS 2460	22	30	37	2420	3524	3759	3524	6160	6145	6150	1470	1980	2460
PVS 2760	22	30	37	2720	3524	3524	3524	6563	6668	6662	1470	1880	2265

Note: Dimensions are intended only as a guide for preliminary planning of the layout and should not be used for the construction of foundation etc., Continuous development in the design and construction techniques, may result in some changes in the above dimensions. We reserve the right to make any alteration or modification which we feel as an improvement. Please consult Puzzolana for latest information. For installation and foundation separate general arrangement drawing can be furnished on request



SCAN FOR MORE INFO

HIGHSPEED SCREEN



**High-G force
linear vibration**



**Efficient sizing
with thin bed depth**



**Ideal for fine
separation**

DIMENSION CHART

Model No.	Motor Power(kW)	A	B	C
PHSS 1542 1D	2 x 5.5	1100	2725	1500
PHSS 1542 2D	2 x 8	1670	2630	1500
PHSS 1860 1D	2 x 8	1443	3580	1800
PHSS 1860 2D	2 x 13	2104	3550	1800
PHSS 2160 2D	2 x 18.7	2108	3627	2100
PHSS 2160 3D	4 x 12.85	2936	3453	2100
PHSS 2460 1D	2 x 9.8	1509	3640	2400
PHSS 2460 2D	2 x 18.7	2230	3625	2400
PHSS 2460 3D	4 x 12.85	2877	3450	2400

Note:

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SCAN FOR MORE INFO

P - TECH SCREEN



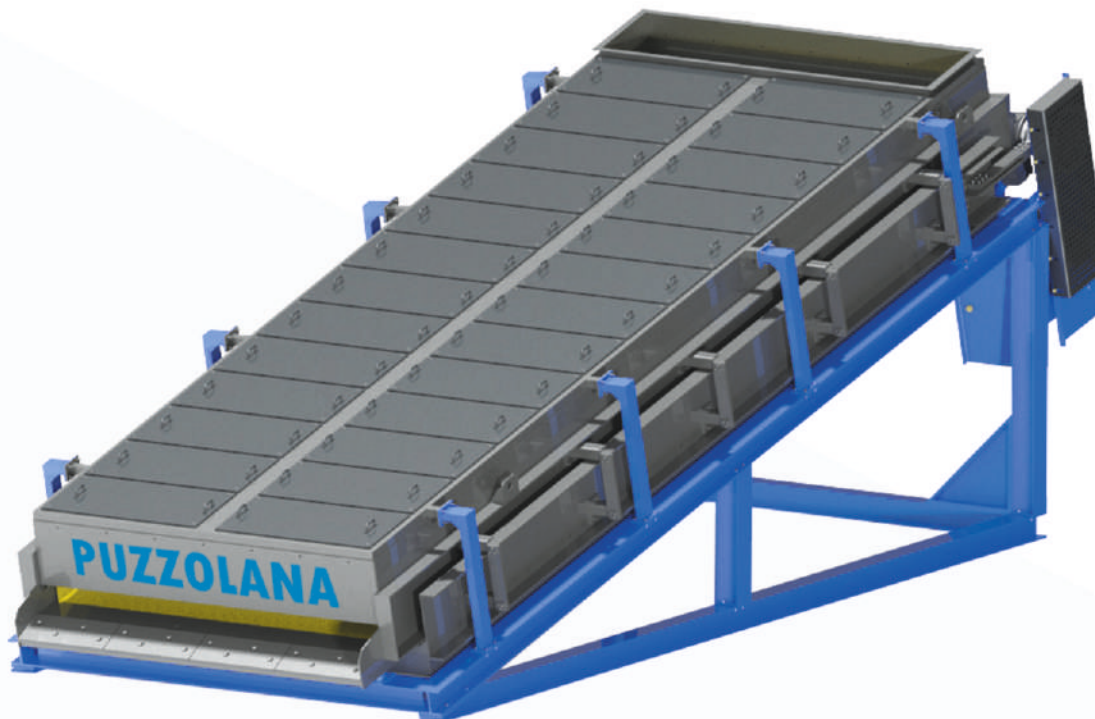
Effective silt and
fine removal



Dry screening
up to 150 microns



Suitable for
high-moisture
coal/petcoke



Dimension Chart

Model No.	Screening Area (Sq.Mts)	Inclination	Power (kW)	No.of Decks
PTS 1553	8.1	15°/18°	15	SINGLE
PTS 2053	10.8	15°/18°	15	SINGLE
PTS 2253	11.88	15°/18°	15	SINGLE
PTS 1562	9.45	15°/18°	22	SINGLE
PTS 2062	12.60	15°/18°	22	SINGLE
PTS 2262	13.86	15°/18°	22	SINGLE
PTS 1574	11.25	15°/18°	30	SINGLE
PTS 2074	15	15°/18°	30	SINGLE
PTS 2274	16.5	15°/18°	30	SINGLE
PTS 2087	17.6	15°/18°	37	SINGLE
PTS 2287	19.36	15°/18°	37	SINGLE
PTS 25100	25	15°/18°	45	SINGLE
PTS 30100	30	15°/18°	55	SINGLE

Note:

Feeding capacity depends on the moisture & bulk density of material. Please consult Puzzolana for latest information. Dimensions are intended only as a guide for preliminary planning of the layout and should not be used for the construction of foundation etc. Continuous development in the design and construction techniques, may result in some changes in the above dimensions. We reserve the right to make any alteration or modification which we feel as an improvement. Please consult Puzzolana for latest information. For installation and foundation separate general arrangement drawing can be furnished on request.



SCAN FOR MORE INFO



DRY CLASSIFIER



Wear-resistant impeller
with whirling air action



No need for external
air blowing system



Adjustable
dry separation
of 150-micron
sand fines

CAPACITY CHART

Model	Dimensions		Motor (kW)	Feed Size (mm)	Capacity TPH
	A-Dia (mm)	B-Height (mm)			
PDFC 12	4270	7772	75	0-5	75
PDFC 16	4900	8776	110	0-5	110
PDFC 18	5510	9644	132	0-5	180
PDFC 20	6120	10808	2 X 160	0-5	220

Note:

Note: The capacity figures indicated in the chart are approximate total through put based on the continuous regular feed having bulk density of 1.6 Ton/Cu.M. Actual capacity will vary depending on the type of material, feed gradation, moisture content and other site specific operating conditions.



SCAN FOR MORE INFO

BUCKET WHEEL TYPE CLASSIFIER



Reduces (-)150 micron
content in sand



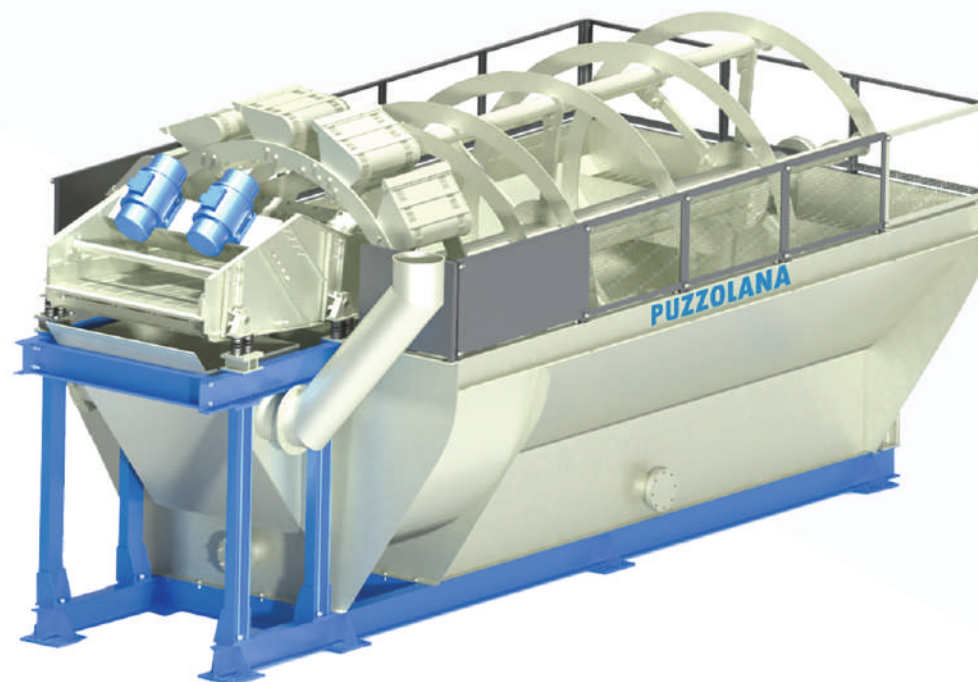
Replaceable polyurethane
mesh components



Variable speed
operation for control



Energy-efficient
with low power use



TECHNICAL SPECIFICATION

Model	PBC 2800	PBC 3200	PBC 3800
Bucket wheel diameter (mm)	2800	3200	3800
Bucket width (mm)	600	650	650
Number of buckets	14	16	22
Screw diameter (mm)	2200	2400	3000
Capacity (Max. TPH)	60-100	80-140	100-160
Water requirement (Cu. M/hr)	80-90	90-100	100-115
Motor power (kW)	7.5	11.0	15.0
Dewatering screen size (LXW) mm	2200 x 1200	2400 x 1600	3000 x 1800
Motor power for Dewatering screen (kW)	1.7 x 2 nos	2.3 x 2 nos	5.5 x 2 nos

Note:

The capacity figures indicated in the chart are approximate total through put based on the continuous regular feed having bulk density of 1.6 Ton/Cu M. Actual capacity will vary depending on the type of material, feed gradation, moisture content and other site specific operating conditions



SCAN FOR MORE INFO

HYDRO CYCLONE CLASSIFIER



Removes silt/ultra
fines (-150 microns)
From sand



Compact design
with easy operation



Precise
separation using
cyclone technology



TECHNICAL SPECIFICATION

Model No	Capacity TPH	Water Requirement Cum/hr	De Watering Screen			Slurry Pump		Hydro Cyclone Size Dia mm
			Size mm	R.P.M	Power kW	Size	Power kW	
PHC - 80	80	200 - 210	1800 W x 3000 L	1000	2 X 3.8	6/4	37	500
PHC - 100	100	200 - 250	1800 W x 4000 L	1000	2 X 5.5	8/6	45	600
PHC - 150	150	300 - 400	1800 W x 4000 (M)	1000	2 X 6.2	8/6	45	600
*PHC - 200	200	400 - 475	1800 W x 4000 L x 2	1000	(2 X 6.2) X 2	8/6	75	2 X 600
*PHC - 250	250	500 - 550	2400 W x 3000 L x 2	1000	(2 X 11) X 2	10/8	75	2 X 600



SCAN FOR MORE INFO

* The picture shown above with two cyclones and screens is for these models others will have one screen and hydrocyclone

Note:

The capacity figures indicated in the above chart are approximate and are subject to change with latest versions Total throughput capacity based on the continuous regular feed having bulk density of 1.6 Ton/Cu.M. Actual capacity will vary depending on the type of material, feed gradation and other site specific operating conditions.

THICKENER



**Durable bolted
body construction**



**Fully automatic
PLC operation**



**Flocculent dosing for
effective treatment**



**Reuses up to
95% process water**

TECHNICAL SPECIFICATION

Model No	PCT - 10	PCT - 15	PCT - 20	PCT - 30	PCT - 40
Shell Diameter	Dia 6.0 M	Dia 8.0 M	Dia 10.0 M	Dia 12.0 M	Dia 14.0 M
Feed Capacity	70 - 100 TPH	100 - 150 TPH	150 - 200 TPH	200 - 300 TPH	300 - 450 TPH
Sludge Flow Rate	8 - 10 TPH	12 - 20 TPH	18 - 25 TPH	22 - 35 TPH	35 - 50 TPH
Sludge Pump	3/2	4/3	5/4	6/4	6/4
Sludge Pump Power	11 kW	15 kW	22 kW	30 kW	30 kW
Water Holding Capacity	80000 LTS	140000 LTS	200000 LTS	300000 LTS	400000 LTS
Rake Rotation & Lifting	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Flocculent Feeding System	Multi Point	Multi Point	Multi Point	Multi Point	Multi Point

Note:
The capacity and parameters indicated in the above chart are approximate and subjected to change with latest versions.
Actual capacity will vary depending on the type of material, feed gradation, moisture content and other site specific operating conditions.

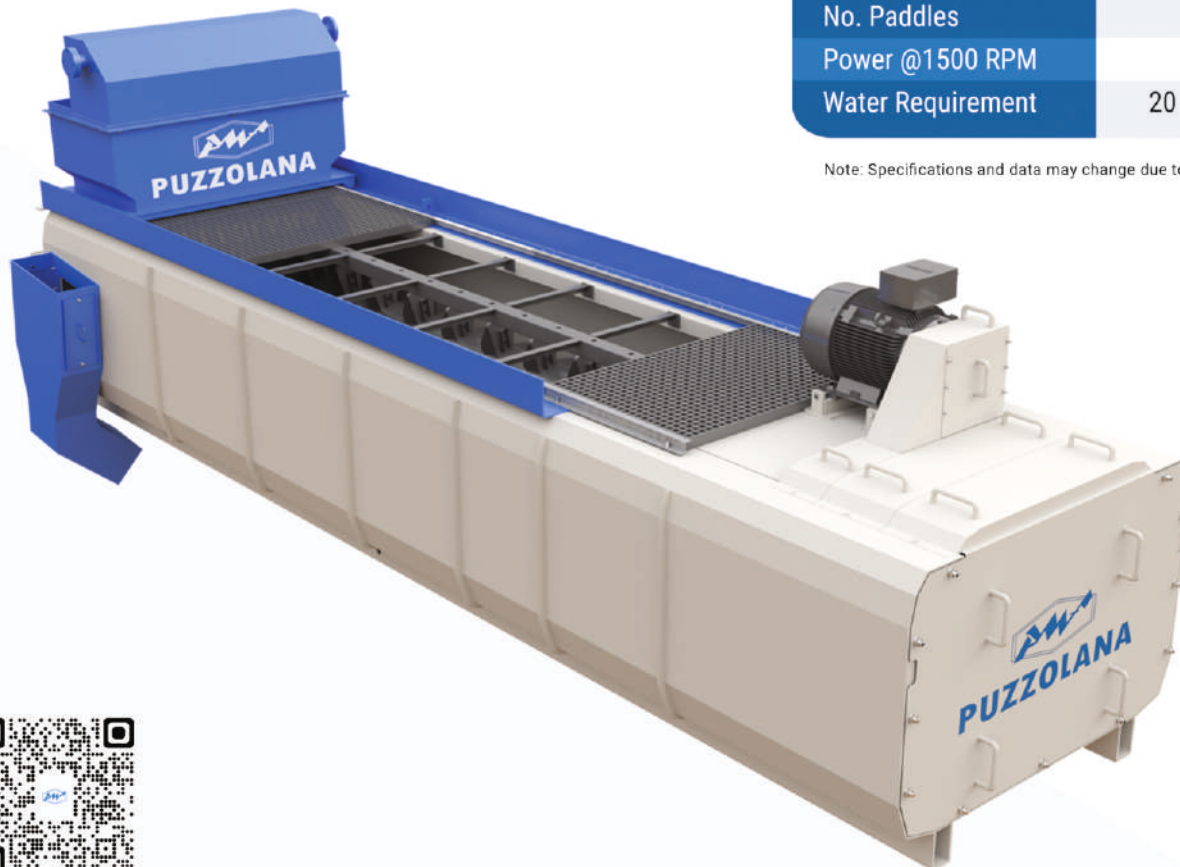


LOG WASHER

TECHNICAL SPECIFICATION

Model No	PLW-75	PLW-100	PLW-140
Size (L x W x H) mm	6800 x 1710 x 1150	7730 x 1980 x 1300	8600 x 2250 x 1500
Max Capacity	50-75 TPH	75-100 TPH	100-140 TPH
Feed Material Size	80 mm	100 mm	100 mm
Speed	18 - 20 RPM	20 - 22 RPM	22 - 24 RPM
Paddle Dia (Tip to Tip)	780 MM	850 MM	1050
No. Paddles	108	124	134
Power @1500 RPM	45 KW	55 KW	90 KW
Water Requirement	20 - 30 CUM/HR	30 - 40 CUM/HR	40 - 50 CUM/HR

Note: Specifications and data may change due to manufacturing updates



Single-layer
steel body



Heavy one-piece thick
pipe shafts with flanges



Dual outputs,
single gear drive



Durable, wear-resistant
paddles



SCAN FOR MORE INFO

| SPEED BHARATH PRIMARY- PSBJ

TECHNICAL SPECIFICATION

Model No.	Transport Dimensions (LXWXH) (mm)	Feeder				Jaw Crusher				
		Model	Size (LXW)(mm)	Bulk Density (T/Cu.m)	Power Input (kW)	Model	Feed Opening (mm)	Max. Feed Size (mm)	Drive Motor (kW)	Capacity (TPH)
PSBJ4432	12200 X 3000 X 4500	PGF - 1142	4200 X 1100	1.6-1.8	2 X 4.3	PJC-4432	1115 X 815	650	110	220
PSBJ11076	12200 X 3000 X 4500	PGF - 1142	4200 X 1100	1.6-1.8	2 X 4.3	PJC-11076	1100 X 760	625	132	250

Note: The capacity figures and specifications are subjected to change with latest versions



Modular Design



Quick setup time



Ease of transport



Minimum Civil work



SCAN FOR MORE INFO

SPEED BHARATH SECONDARY- PSBC



Modular Design



Quick setup time



Ease of transport



Minimum Civil work



Technical Specification

Model No.	Transport Dimensions (LXWXH) (mm)	VIBRATING SCREEN				CONE CRUSHER				
		Model	No. of Decks	Screen Size (mm)	Motor Power (kW)	Model	Mantle Dia (mm)	Feed Opening (mm)	Power (kW)	Capacity
PSBC1020	13600 X 2820 X 4900	PMVS 1860 - 4D	4	1800 X 6000	22	PCC 22100	1000	220	160	220
PSBC1125	13600 X 2820 X 4900	PMVS 1860 - 4D	4	1800 X 6000	22	PCC 26110	1100	260	200	250



SCAN FOR MORE INFO

Note: The capacity figures and specifications are subjected to change with latest versions



SPEED BHARATH TERTIARY- PSBJ



Modular Design



Quick setup time



Ease of transport



Minimum Civil work

Technical Specification

Model No.	Transport Dimensions (LXWXH) (mm)	VIBRATING SCREEN				VSI CRUSHER				
		Model	No. of Decks	Screen Size (mm)	Motor Power (kW)	Model	Feed Size (mm)	Table Size (mm)	Motor Power (kW)	Capacity (TPH)
PSBV750MDR	14200 X 3000 X 5500	PMVS 1860 - 4D	4	1800 X 6000	22	PMVSI 750MDR	35	775	185 - 220	185 - 220
PSBV800MDR	14200 X 3000 X 5500	PMVS 1860 - 4D	4	1800 X 6000	22	PMVSI 800MDR	40	825	250 - 315	200 - 250

Note: The capacity figures and specifications are subjected to change with latest versions



SCAN FOR MORE INFO

MOBILE JAW PTJ SERIES



High performance & reliability



Low operation & maintenance cost



Radio remote tracking and Grid power compatible

Technical Specification

Model No.	Dimensions (LXBXH) (mm)	Hopper Cu.M	Grizzly Feeder	Jaw Crusher	CSS Adjustment	Power Unit	Discharge Conveyor (W x H)(mm)	Belt Conveyors (W x H)(mm)	Under Carriage
PTJ 1065	13700 X 2580 X 3600	6.0	VGf1135	1000mm X 650mm Motor: 110kW	Hydraulic	200 kVA Diesel Electric	1000 X 2520	500 X 2160	400mm
PTJ 1170	13800 X 3500 X 3565	7.6	VGf1142	1100mm X 700mm Motor: 110kW	Hydraulic	250kVA Diesel Electric	1000 X 3610	650 X 2110	400mm
PTJ 1176	15000 X 3455 X 4010	7.6	VGf1142	1100mm X 760mm Motor: 132kW	Mechanical/Hydraulic	250kVA Diesel Electric	1000 X 3240	500 X 2445	400mm
PTJ 1476	15000 X 3500 X 4120	7.6	VGf1342	1400mm X 760mm Motor: 160kW	Mechanical/Hydraulic	320kVA Diesel Electric	1200 X 3380	800 X 2980	500mm

Note: The capacity figures and specifications are subjected to change with latest versions



SCAN FOR MORE INFO

MOBILE CONE PTC SERIES



Low operating & maintenance cost



Hydraulic CSS adjustment



Built-in metal detector



Grid power ready

CAPACITY CHART

Model No.	Dimensions (LXBXH) (mm)	Hopper Cu.M	Cone Crusher	Power Unit	Feed Conveyor (W x L)(mm)	Discharge Conveyor (W x H)(mm)	Under Carriage
PTC 1000	15200 X 3300 X 4400	5	Model: PCC22100 Feed Opening: 220mm CSS Range: 19-32mm Motor: 160 kW @ 1500 RPM	320kVA Diesel Electric	1000 X 6835	1000 X 3400	400mm
PTC 1125	15200 X 3300 X 4400	5	Model: PCC 26110 Feed Opening: 260mm CSS Range: 22-38mm Motor: 200 kW @ 1500 RPM	320 kVA Diesel Electric	1000 X 6835	1000 X 3400	400mm
PTC 100S	15200 X 3300 X 4400	5	Model: Sander 100 Feed Opening: 60mm CSS Range: 6-12mm Motor: 185 kW @ 1500 RPM	320 kVA Diesel Electric	1000 X 6835	1000 X 3400	400mm

Note: The capacity figures and specifications are subjected to change with latest versions



SCAN FOR MORE INFO

MOBILE CONE PTC SERIES



Fast hydraulic
setting & adjustment



Long-life
antifriction bearings



Built-in Metal
detector



Grid power
ready

Technical Specifications

Model No.	Dimensions (LXBXH) (mm)	Hopper Cu.M	Cone Crusher	Power Unit	Feed Conveyor (W x L)(mm)	Discharge Conveyor (W x H)(mm)	Under Carriage
PTC 1200	15200 X 3300 X 4400	5	Model: PFSC120 Feed Opening: 235mm CSS Range: 16-40mm Motor: 200 kW @ 1500 RPM	320kVA Diesel Electric	1000 x 6835	1000 X 3400	400mm

Note: The capacity figures and specifications are subjected to change with latest versions.



SCAN FOR MORE INFO

MOBILE VSI PTV SERIES



Low operating &
maintenance cost



High output with
great reduction



Rock-on-metal
crushing



Grid power
compatible

Technical Specifications

Model No.	Dimensions (LXBXH) (mm)	Hopper Cu.M	VSI Crusher	Power Unit	Feed Conveyor (W x L)(mm)	Discharge Conveyor (W x H)(mm)	Under Carriage
PTV 750	15200x3300x4400	5	Model: PMVSI750MDR Power: 220kW @ 1500 RPM	320kVA Diesel Electric	1000 x 6835	1000 X 3400	400mm
PTV 840	15200x3300x4400	5	Model: PMVSI840 Power: 220kW @ 1500 RPM	320kVA Diesel Electric	1000 x 6835	1000 X 3400	400mm

Note:

The capacity figures and specifications are subjected to change with latest versions.



SCAN FOR MORE INFO

MOBILE IMPACT CRUSHER

PTI SERIES



**Impact crusher with
overload protection**



**4-bar manganese
rotor, twin apron**



**Wedge-lock
feed hopper**



**Mechanical
CSS adjustment**

Technical Specifications

Model No.	Dimensions (LXBXH) (mm)	Hopper Cu.M	Impactor Crusher	Power Unit	Scalping Conveyor (W x L)(mm)	Discharge Conveyor (W x H)(mm)	Under Carriage
PTI 1313	1500 X 3550 X 3800	7	Twin apron, 4 bar impact crusher Feed Opening: 1400mm x 840mm Minimum CSS Setting: 75mm(Upper) - 35mm(Lower)	450 HP@ 1800 RPM Diesel	800 X 2410	1200 X 2970	400mm

Note: The capacity figures and specifications are subjected to change with latest versions.



SCAN FOR MORE INFO

MOBILE SCREEN PTS SERIES

Technical Specifications

Model No.	Dimensions (LXBXH) (mm)	Power Unit	Screen Unit	Main Conveyor Width in mm	Mid Oversize Conveyor (W x H)(mm)	Mid Oversize Conveyor (W x H)(mm)	Mid Oversize Conveyor (W x H)(mm)	Oversize recirculation Conveyor (W x H)(mm)	Tail Conveyor (W x H)(mm)	Under Carriage
PTS 1552 - 3D	12700 X 3500 X 3650	100 kVA Diesel Electric	5200mm X 1530mm 3 Deck Electric Motor- 22kW 1500RPM	1000	650 x 4800	650 x 4800	650 x 4800	650 x 4560	1000 x 4100	400mm
PTS 1860 - 4D	14850 X 3425 X 4200	120 kVA Diesel Electric	6100mm X 1800mm 4 Deck Electric Motor- 22kW 1500RPM	1200	650 x 4800	650 x 4800	650 x 4800	650 x 4560	1200 x 4200	500mm

Note: the capacity figures and specifications are subjected to change with latest versions.



3/4 Deck screen box



Low operating & maintenance cost



Hydraulic folding conveyors



Grid power ready



SCAN FOR MORE INFO

MOBILE SCREEN PTSG SERIES

Technical Specifications

Model No.	Dimensions (LXBXH) (mm)	Power Unit	Screen Unit	Main Conveyor Width in mm	Mid Oversize Conveyor (W x H)(mm)	Mid Undersize Conveyor (W x H)(mm)	Oversize recirculation Conveyor (W x H)(mm)	Tail Conveyor (W x H)(mm)	Under Carriage	Ready for Grid Power
PTSG 1552-3D	17050x3550x3700	100 kVA Diesel Electric	5200mm X 1530mm 3 Deck Electric Motor- 22kW 1500RPM	1000	650 x 4480	650 x 4480	650 x 4880	1000 x 4100	400mm Track Width Hydraulic Drive	Yes
PTSG 1560-3D	18890x3000x3650	170 HP Diesel	6100mm X 1530mm 3 Deck Hydraulic Motor	1050	800 x 4960	800 x 4960	650 x 4420	1000 x 4100	400mm Track Width Hydraulic Drive	No

Note: The capacity figures and specifications are subjected to change with latest versions.



**3-deck
screen box**



**Folding conveyors
for transport**



**Grid power
compatible**



**Optional hydraulic
power pack**



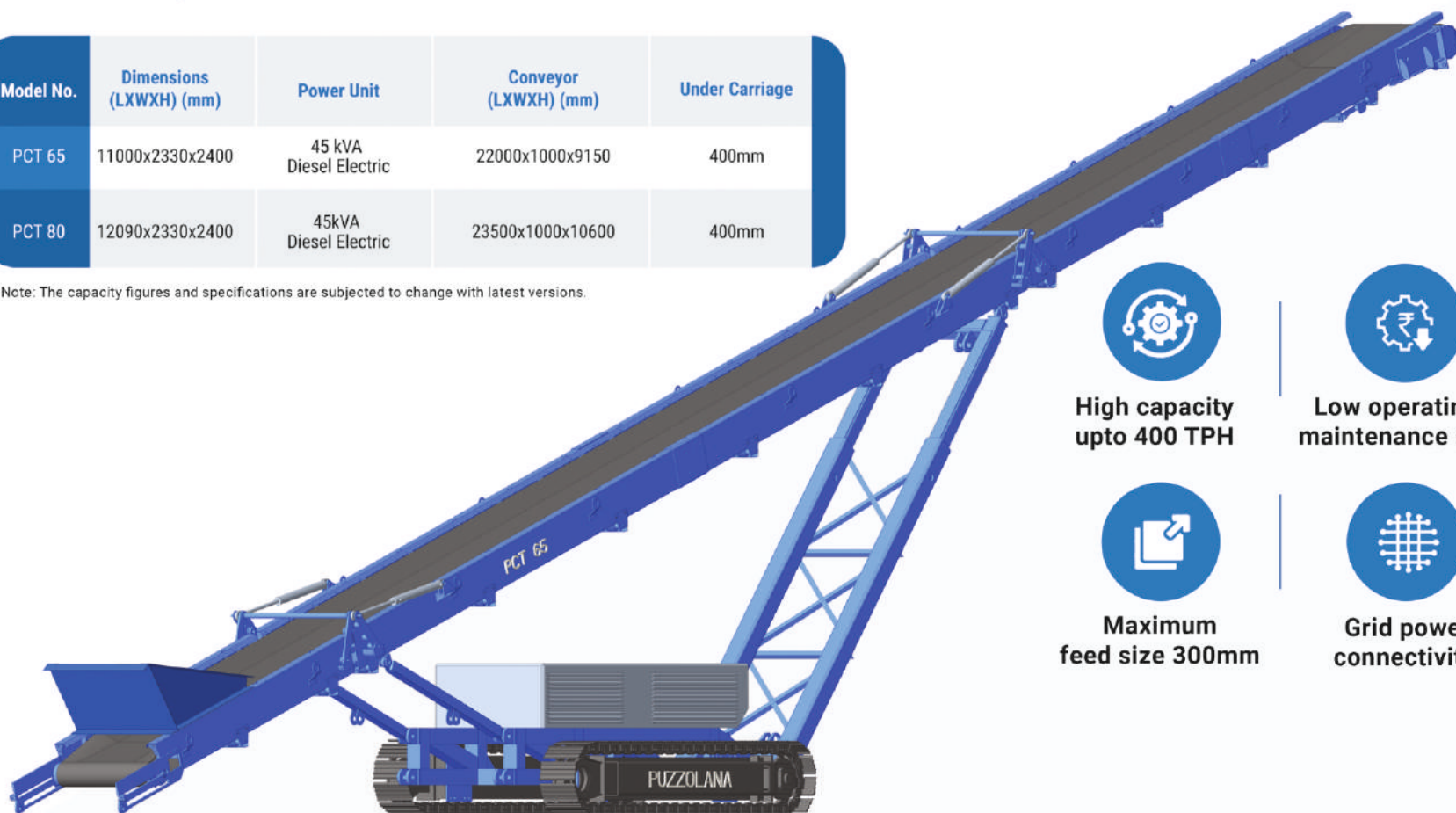
SCAN FOR MORE INFO

TRACK CONVEYOR PCT-65 & 80

Technical Specifications

Model No.	Dimensions (LXWXH) (mm)	Power Unit	Conveyor (LXWXH) (mm)	Under Carriage
PCT 65	11000x2330x2400	45 kVA Diesel Electric	22000x1000x9150	400mm
PCT 80	12090x2330x2400	45kVA Diesel Electric	23500x1000x10600	400mm

Note: The capacity figures and specifications are subjected to change with latest versions.



High capacity
upto 400 TPH



Low operating &
maintenance costs



Maximum
feed size 300mm



Grid power
connectivity



MINING

MACHINERY RANGE



HORIZONTAL IMPACTOR



**Rugged
Construction**



**suited for
hard materials**



**parts are
easily accessible**

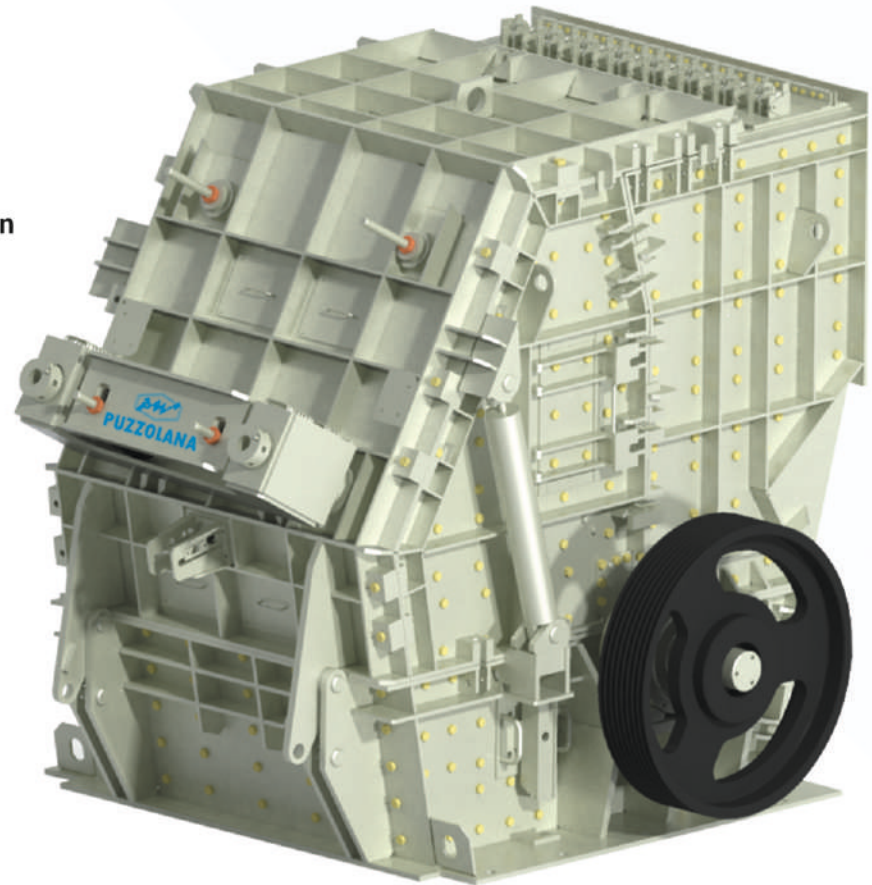


**High utilization
of breaker**

Technical Specifications

Model No.	Rotor dia in mm	Rotor width in mm	Capacity in T/H (Min/Max)	Power in kW
PHSI 08/09	800	900	65-125	55-110
PHSI 10/10	1000	1000	80-150	75-130
PHSI 10/12	1000	1000	120-200	110-200
PHSI 12/12	1200	1200	140-250	132-200
PHSI 14/15	1400	1400	200-500	160-220
PHSI 16/16	1600	1600	350-580	220-300
PHSI 18/18	1800	1800	480-720	300-500
PHSI 20/20	2000	2000	720-990	500-750
PHSI 22/22	2200	2200	900-1200	750-1100

Note: The Capacity and parameters indicated in the above chart are approximate and subjected to change with latest versions



SCAN FOR MORE INFO

HAMMER MILL



**High output &
reliable performance**



**Rugged
construction**



**Ideal for secondary
& tertiary use**

Technical Specifications

Model No.	Rotor dia in mm	Rotor width in mm	Capacity in T/H (Min/Max)	Power in kW
PIH 1010	1000	1000	75-120	55-75
PIH 1212	1200	1200	100-160	75-132
PIH 1414	1400	1400	140-250	110-160
PIH 1616	1600	1600	190-380	132-320
PIH 1818	1800	1800	220-430	160-350
PIH 2020	2000	2000	320-640	220-400
PIH 2525	2500	2500	600-1200	550-1000
PIH 2630	2600	3000	1400-2000	1200-1800

Note: The Capacity and parameters indicated in the above chart are approximate and subjected to change with latest versions



SCAN FOR MORE INFO



**Rugged design for
high uptime**



**Durable spherical
bearings**



**Standard
undercarriage
components**



APRON FEEDER

Technical Specifications

Model No	Pan Width (mm)	Length (mm)	Power (kw)	Capacity (m ³ /h)
PAF16	1600	4000-12000	18-90	200-1000
PAF18	1800	4000-12000	22-110	220-1200
PAF22	2250	4000-15000	30-132	350-2000
PAF24	2400	4000-15000	30-160	400-2500

Note: Specifications and data may change due to manufacturing updates



FEEDER BREAKER

Technical Specifications

Model No	Dimensions (LXBXH) (mm)	Crusher Speed	Number of Picks	Drum Width	Pick Type	Crusher (kW)	Hopper Capacity (cu.m)	Conveyor(kW)	Input size (mm)	Output sizes (mm)	Crushing Capacity(TPH)
PFB 200	10250x4900x3300	90	104	1450	Tungsten Carbide	160	30	90	1500x1200x1200	(-) 100/150/200/250	upto 600*
PFB 200X	10250x4900x3300	90	104	1450	Tungsten Carbide	160	60	90/160	1500x1200x1200		upto 600*

Note: Depends on input feed & output product size



Robust drum crusher



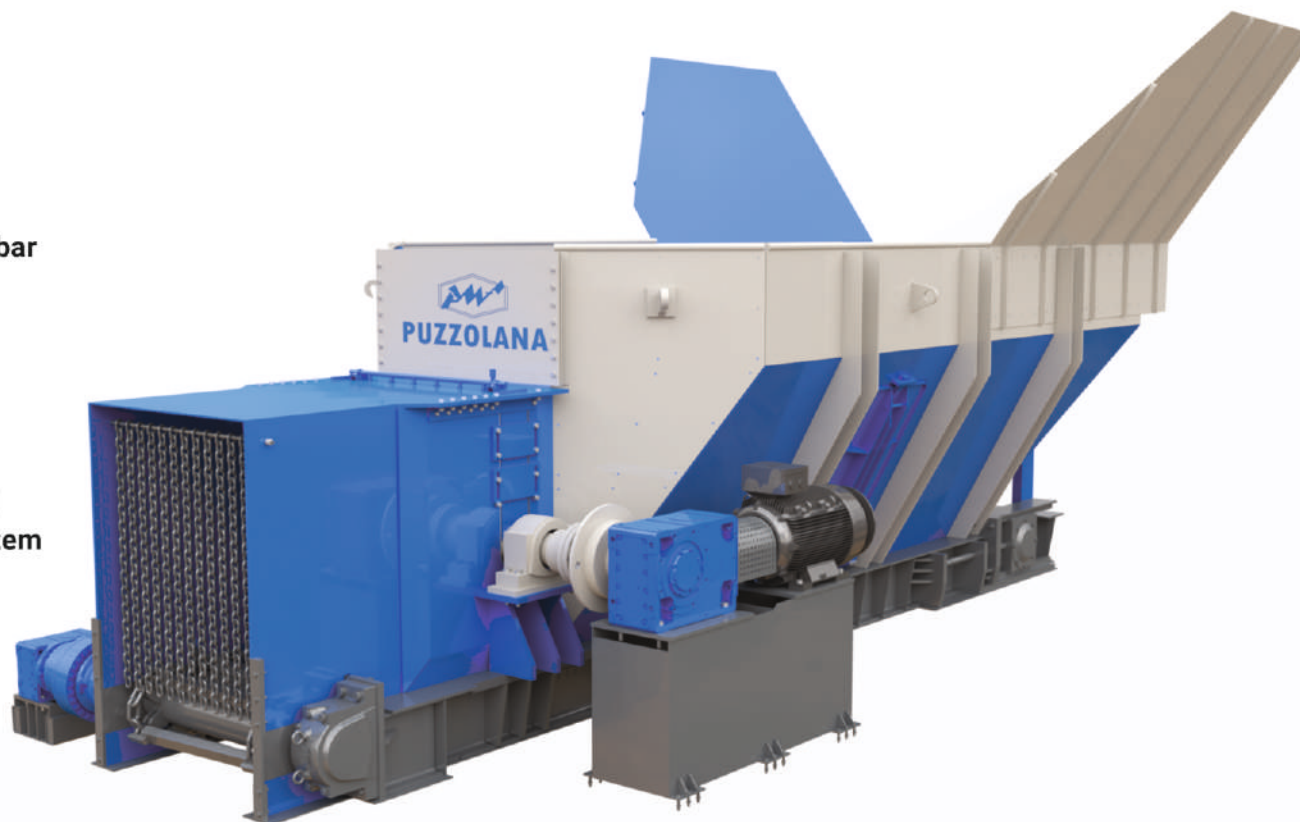
Custom flight bar spacing



Reversible chain conveyor



Centralized lubrication system



SCAN FOR MORE INFO

SECONDARY SIZER

Technical Specifications

Model No.	Application	Diameter	Length in (mm)	Power	Max Capacity in (TPH)	Feed Size in (mm)	Output Size in (mm)
PS 1200 x 1200	Primary	1200	1200	200 x 2	600	800	150
PS 76400	Secondary	860	4000	250 x 2	480	150	25
PS 76250	Secondary	860	2500	110 x 2	250	150	25

Note: Customised options available for other capacities



The sizer delivers well-sized output



Handle a large variety of materials



Different output sizes and production



SCAN FOR MORE INFO

SURFACE MINER

Technical Specifications

Model No.	Machine Dimensions (LXBXH) (mm)	Cutter Width (mm)	Engine	Milling Drum			Tank Capacities		
				Cutting Width	Max. Depth of Cut	Drum Diameter	Fuel Tank	Hydraulic Oil	Water Tank
PMM2205	10250x4900x3300	4000	Cummins, 905-950HP	4000mm	300mm	1200mm	~1500L	1200L	4000L
PMM 2205X	10250x4900x3300	4000	Cummins, 1140HP	4000mm	300mm	1200mm	~1500L	1200L	4000L
PMM 2205T	10250x4900x3300	3000/4000	Cummins,950HP Tier 2	4000mm	300mm	1200mm	~1500L	1200L	4000L

Note: The capacity figures and specifications are subjected to change with latest versions



Fuel-efficient engine



Auto-leveling system



Auto lube & dust suppression



CAN-based control system



SCAN FOR MORE INFO

ROAD PAVER

Technical Specifications

Paver Model No	Overall Dimensions (mm)			Max paving Width (mm)	Paving Capacity (TPH)	Max paving Thickness (mm)	Paving Speed (m/min)	Transport Speed (km/hr)	Engine Capacity (kW)
	Width	Length	Height						
P 2575	2550	6100	3700	7500	600	250	0-24	0-5 km / hr	118
P 3100	2550	6100	3700	10000	700	300	0-24	0-5 km / hr	168

Note: The capacity figures and specifications are subjected to change with latest versions



Ergonomic Console



Consistent paving quality



Shorter setup time

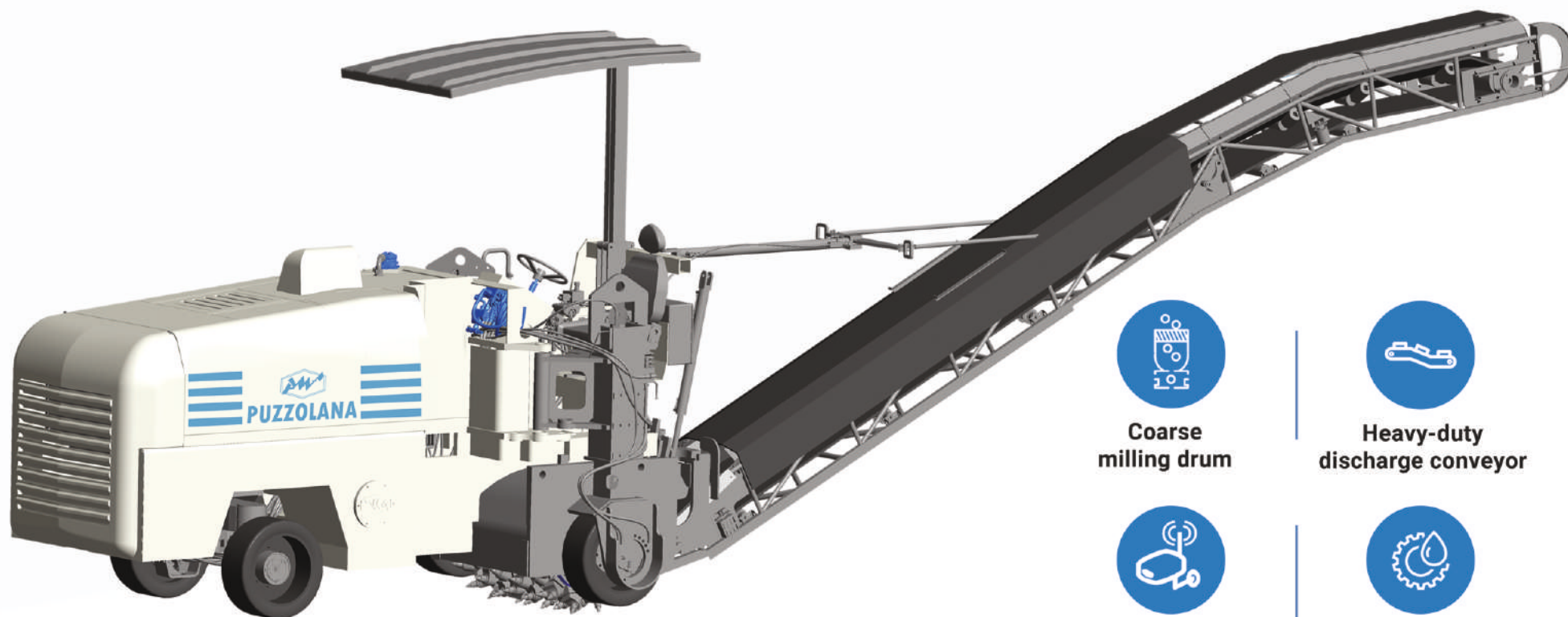


Operating comfort



SCAN FOR MORE INFO

ROAD MILLER



**Coarse
milling drum**



**Heavy-duty
discharge conveyor**



**Moba-matic wire
rope sensors**



LCD control panel

Technical Specifications

Model No	Engine	Max Gradeability	Max Depth (mm)	Max Speed (kmph)	Cutter Diameter(mm)	Weight (Tonne)	Wheel Size (mm)	Tank Capacity (Ltr)			Discharge Conveyor Width (mm)
								Diesel	Hydraulic	Water	
PRM 1000	Ashok Leyland H6 167 kW@2300 RPM	63% in milling gear	250	0-2.3 in milling, 0-7.5 in travel	860	17	660x250	400	120	600	500
PRM 1300	Ashok Leyland H6 167 kW@2300 RPM	63% in milling gear	300	0-2.3 in milling, 0-7.5 in travel	930	17	660x250	400	120	600	500

Note: The capacity figures and specifications are subjected to change with latest versions



SCAN FOR MORE INFO



PUZZOLANA

DELIVERING EXCELLENCE

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Rev: Mar 2026