



ONE STOP SOLUTION FOR STONE CRUSHER AND MINING INDUSTRY

SHRI RAJESHWARI CRUSHER SPARES PVT. LTD.

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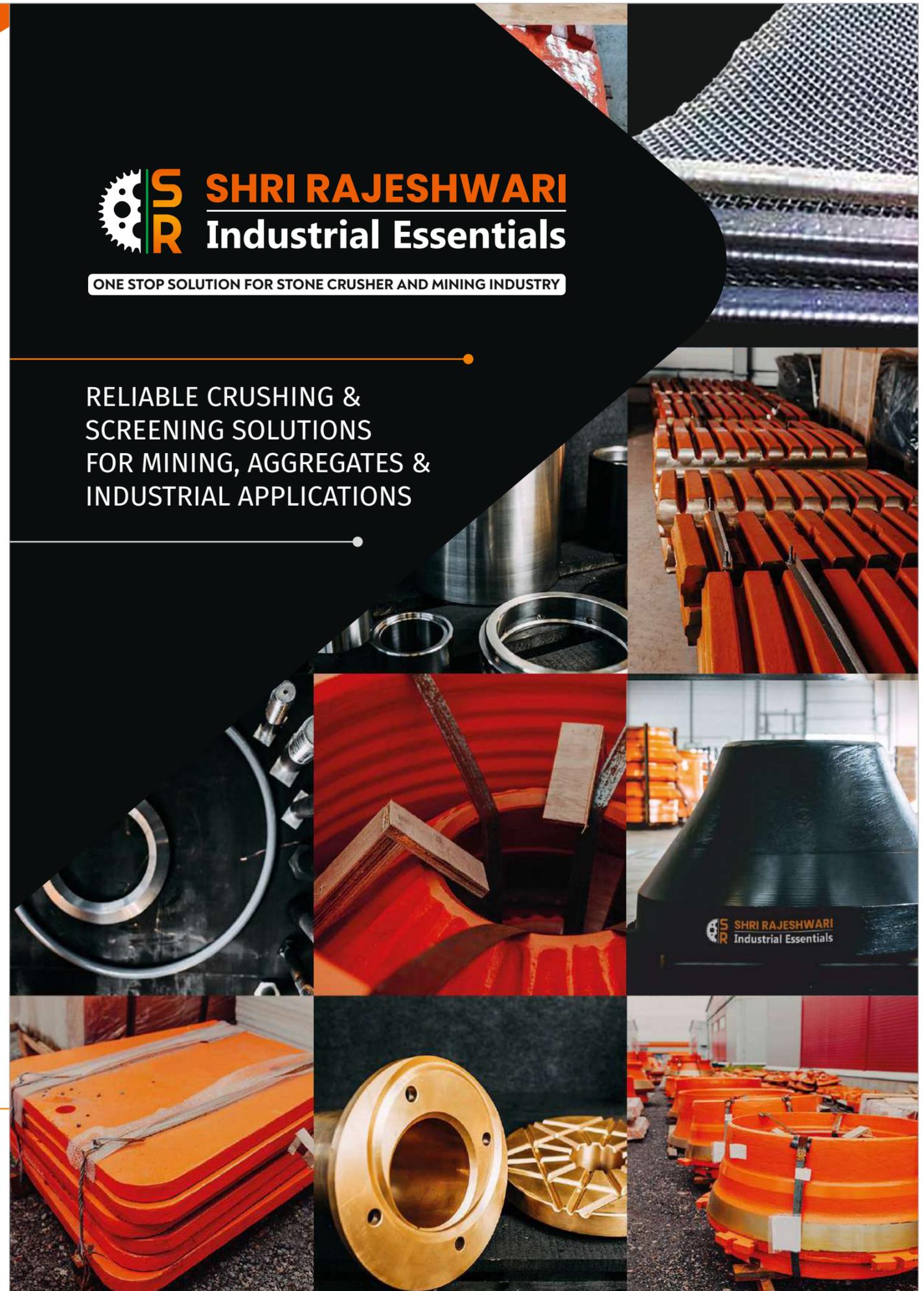
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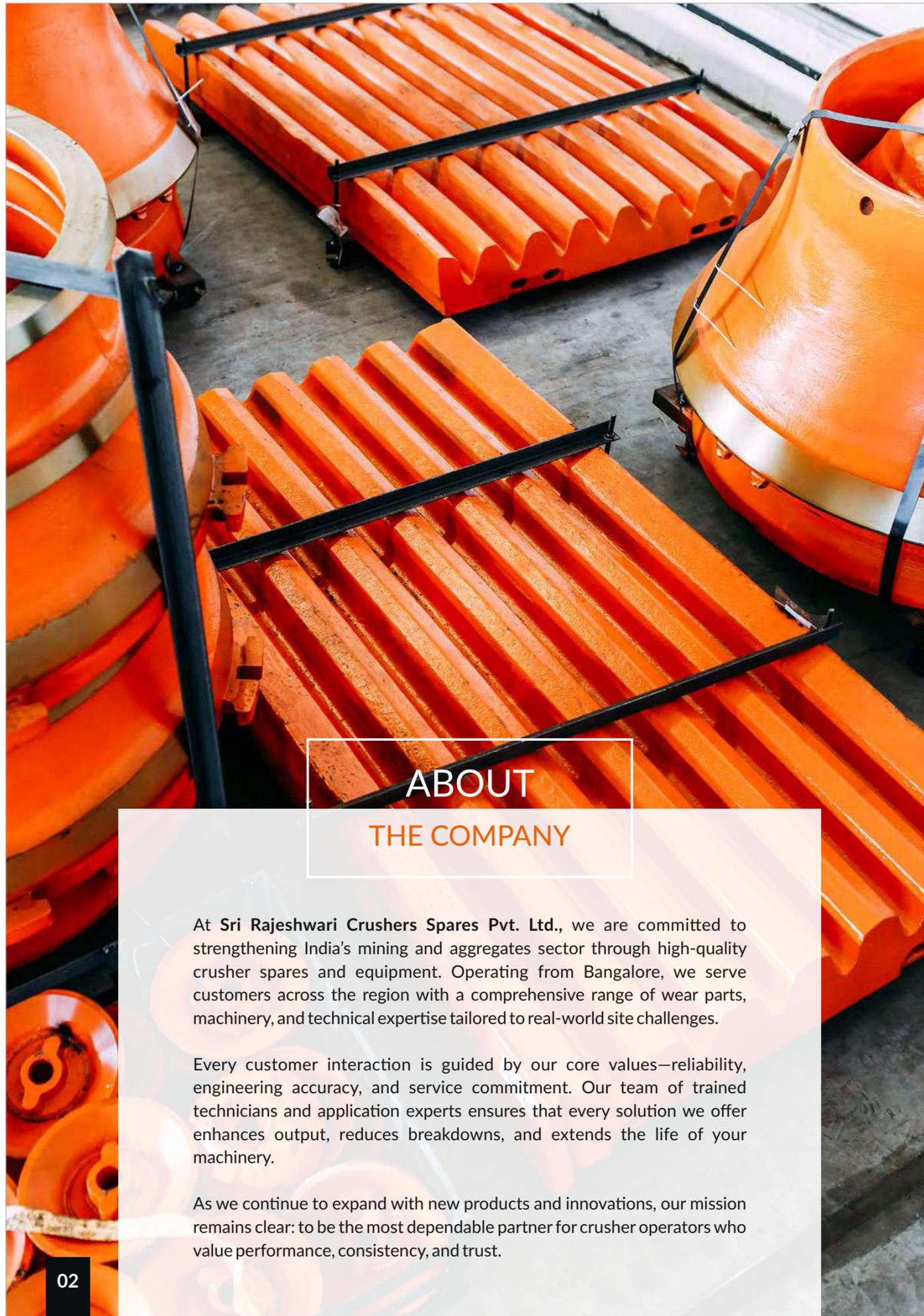


SHRI RAJESHWARI Industrial Essentials

ONE STOP SOLUTION FOR STONE CRUSHER AND MINING INDUSTRY

RELIABLE CRUSHING &
SCREENING SOLUTIONS
FOR MINING, AGGREGATES &
INDUSTRIAL APPLICATIONS





ABOUT THE COMPANY

At Sri Rajeshwari Crushers Spares Pvt. Ltd., we are committed to strengthening India's mining and aggregates sector through high-quality crusher spares and equipment. Operating from Bangalore, we serve customers across the region with a comprehensive range of wear parts, machinery, and technical expertise tailored to real-world site challenges.

Every customer interaction is guided by our core values—reliability, engineering accuracy, and service commitment. Our team of trained technicians and application experts ensures that every solution we offer enhances output, reduces breakdowns, and extends the life of your machinery.

As we continue to expand with new products and innovations, our mission remains clear: to be the most dependable partner for crusher operators who value performance, consistency, and trust.

SERVICE EXPERTISE

India's Most Trusted Crushing & Screening Service Experts

At Sri Rajeshwari Industrial Essentials, service isn't just support – it is a specialized engineering function backed by 20+ certified technicians, advanced diagnostic tools, and deep experience across all major crusher brands including Metso, Sandvik, Terex, Propel, Puzzolana, Diamond, Proman and more.

Our team has successfully resolved some of the industry's toughest on-site failures, ensuring maximum uptime and minimum production loss.

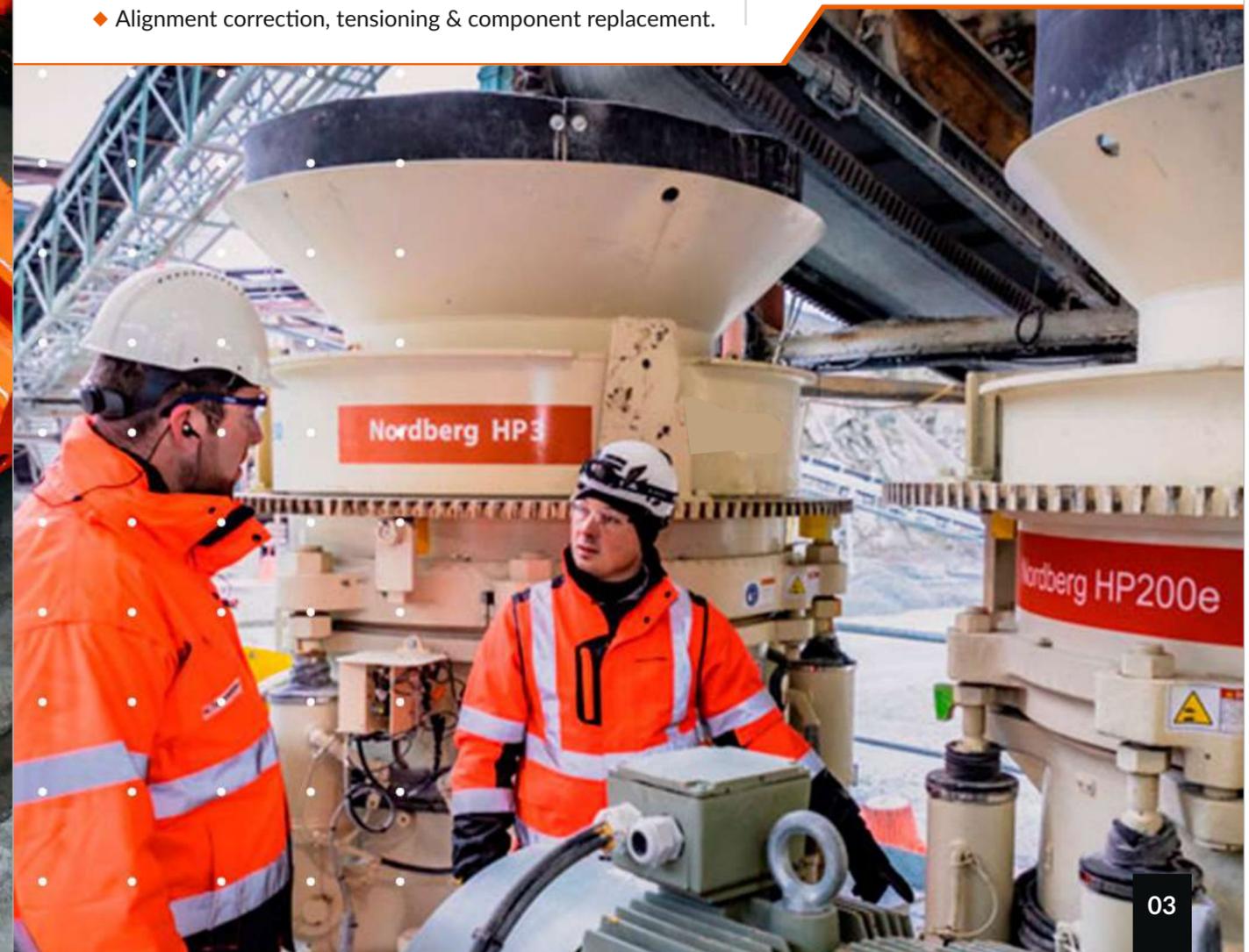
PROBLEMS WE FIX EVERY DAY:

- ◆ No "Ready for Start" Signal / Oil Pump Not Running
Rapid electrical & hydraulic diagnostics, root-cause correction & recommissioning.
Crusher Stops with Stone in Chamber
Safe chamber clearing, mechanical reset & load recalibration.
- ◆ Tramp Iron or Blockages in Crushing Chamber
- ◆ Precision release, inspection & wear-part analysis.
- ◆ V-Belts Slipping / Power Transmission Inefficiency
- ◆ Alignment correction, tensioning & component replacement.

TRUSTED BECAUSE:

- ◆ 20+ highly trained service engineers
- ◆ Expertise across all major global and Indian OEMs
- ◆ Fastest on-site response
- ◆ Proven track record of solving complex, high-impact failures

From simple faults to the toughest breakdowns – we fix what others can't. Real expertise is proven on the field. We've solved the industry's most critical failures in record time. High-skill, high-speed service engineered to match global OEM standards.



PARTS OF CONE & GYRATORY CRUSHERS

SHRI RAJESHWARI INDUSTRIAL ESSENTIALS PRODUCES PARTS FOR SPRING CONE CRUSHERS AND HYDRAULIC CONE CRUSHERS, AS WELL AS FOR GYRATORY CRUSHERS.

WEAR PARTS

Mantles, bowl liners, arm guards, pinion shaft arm liners, topshell and bottom shell liners, feed cones and plates

SPARE PARTS

Bushings for various purposes, torch rings, head nuts, thrust bearings, supports, brackets, plates, seals, gaskets, springs, conical and spherical bearings.

CAPITAL PARTS

Shafts, frame parts, gears, eccentrics.

Spare parts for cone crushers are more often than not considered as belonging to the 'emergency' category - parts whose failure cannot be predicted. For customers who are faced with a sudden failure of cone crushers, the availability of emergency parts and the ability to replace a faulty part in 1-2 days are especially important. Element has formed a warehouse program for the most popular brands and models of cone crushers, for which it regularly updates and replenishes stocks of emergency parts.

WEAR PARTS

Shri Rajeshwari Industrial Essentials has developed a range of alloys for different application conditions: the mantles and bowl liners are usually made of manganese steels, grades A, C, D, D1, D2, and for heavy conditions we use additional alloying elements: molybdenum, nickel, titanium and others. For the remaining parts, manganese steels, wear-resistant steels with high Brinell hardnesses and high-chromium white cast iron are used.

AUSTENITIC MANGANESE STEEL A

Mn: 13%

Classic Gadfield steel. High structural strength, medium resistance to abrasive wear. Significantly increases hardness through work-hardening.

AUSTENITIC MANGANESE STEEL C

Mn: 13% Cr: 2%

For non-abrasive rocks of small and medium strength. Increased tensile strength at lower impact viscosity, better resistance to abrasive wear due to increased surface hardness before work hardening.

AUSTENITIC MANGANESE STEEL D

Mn: 18% Cr: 2%

For general application. An Improved formula with additional chromium alloying. A significant increase in hardness after heat treatment (up to 270HB), increased resistance to abrasive wear (up to 20% when compared to grade A).

AUSTENITIC MANGANESE STEEL D1

Mn: 22% Cr: 1%

Classic Gadfield steel. High structural strength, medium resistance to abrasive wear. Significantly increases hardness through work-hardening.

AUSTENITIC MANGANESE STEEL D2

Mn: 22% Cr: 2%

Suitable for the most abrasive of rocks. We recommend using this at the second or third stages of crushing. Possesses the highest resistance to abrasive wear among Element's line of manganese steels.



WEAR PARTS

JAW PLATES

Shri Rajeshwari Industrial Essentials produces jaw plates made of manganese steel. The content of manganese, chromium and other alloying elements is selected depending on the strength and abrasiveness of the crushed rock.

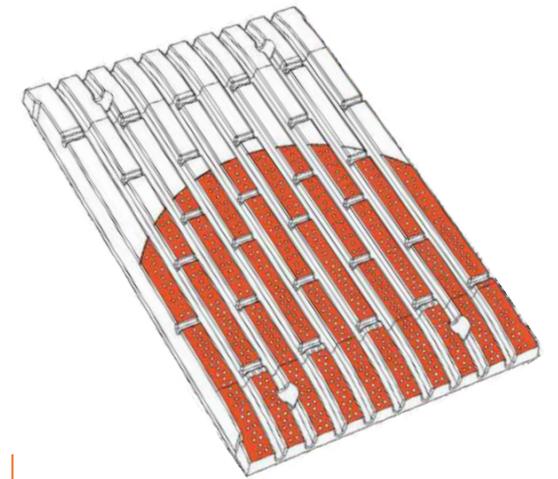
STANDARD ALLOYS

- ◆ Mn13Cr2 – C – for non-abrasive rocks of small and medium strength
- ◆ Mn18Cr2 – D – for general use
- ◆ Mn22Cr – D1 – for the strongest and most abrasive rock

SHRI RAJESHWARI INDUSTRIAL ESSENTIALS TC

Shri Rajeshwari Industrial Essentials TC – linings made of standard alloys C, D, D1 & reinforced with titanium carbide inserts. They show higher resistance to shock loads and cracking. This effect is achieved by special casting processes & heat treatment of the finished product.

During the tests, the linings with inserts showed an operating time from 1.5 to 4 times more in comparison with classic \ manganese steel wears without inserts.



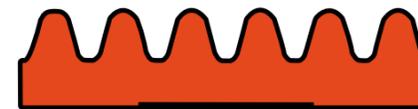
TC PLATES ALLOWS ONE TO:

- ◆ Increase the intervals between plates replacement
- ◆ Reduce the number of maintenance stops
- ◆ Reduce the unit production costs, per unit of the final product

CHEEK PLATES, DEFLECTOR PLATES AND FASTENERS

The cheek plates of the frame and the deflector plate of the swing jaw are made of manganese steel or wear-resistant steel with a high Brinell hardness.

PROFILES



Corrugated - This profile is used for layered materials with a large amount of fines in the feed at small close side settings values.



Coarse Corrugated - This profile is used for layered and abrasive materials with a large amount of fines in the feed at large close side settings values.



Universal - For general use, recommended for abrasive materials. The same lining with such a profile is suitable for both swing and fixed jaws.



Sharp Tooth - This profile is used for layered and abrasive materials with a large amount of fines in the feed. Provides better material grip in comparison with other profiles of crushing plates.



Quarry - For heavy duty conditions. This is used for crushing particularly hard and abrasive materials, and as a result, it has a high wear resistance. To improve the shape of the product, it is recommended to use it together with plates of the Coarse Corrugated or Sharp Tooth types.



We offer standard fasteners, bolts, nuts, washers and special fasteners: wedges, clamping and supporting strips

BESIDES STANDARD PROFILES, SHRI RAJESHWARI INDUSTRIAL ESSENTIALS PRODUCES JAW PLATES ACCORDING TO THE CUSTOMER'S DRAWINGS OR AN INDIVIDUAL PROJECT DEVELOPED BY OUR DESIGN BUREAU.

WEAR PARTS FOR VERTICAL SHAFT IMPACT CRUSHERS

Impact crushers are used at secondary, tertiary and quaternary stages of crushing and often operate 24/7. Due to their effectiveness when it comes to fraction reduction, they are widely used in coal mining and in the non-metallic materials industry.

However, with a low unit cost, impact crushers come with a fairly large consumption of wear parts. The use of wear parts that are different in geometry and alloy provides the desired performance and characteristics of the finished product for each specific case.

SHRI RAJESHWARI INDUSTRIAL ESSENTIALS PRODUCES THE FOLLOWING PARTS FOR VERTICAL SHAFT IMPACT CRUSHERS

ROTOR CAVITY WEAR PLATES AND TIPS

The parts that are particularly susceptible to wear on vertical shaft crushers are the rotor cavity wear plates and the backup tips. Element makes them from steel using three types of tungsten carbide inserts.

FULL RANGE OF WEAR PARTS

Impact crushers are characterized by a large number of wear parts. More than 10 types of parts are subjected to abrasive wear, and Element selects the appropriate material for each part.



CONVEYOR BELTS

GENERAL PURPOSE APPLICATIONS

Our belts have been developed to work effectively in a variety of bulk material handling applications. It offers increased longevity by virtue of certain cover rubber grades that are resistant to wear, gouges, and cuts. Materials including crushed rock, limestone, coal, iron ore, sand, cement, wood chips, furnace slag, and aggregates frequently get transported using these belts. Our belt carcasses are characterized by exceptional field performance, low elongation, and strong adhesion, which set them apart from others in the market.

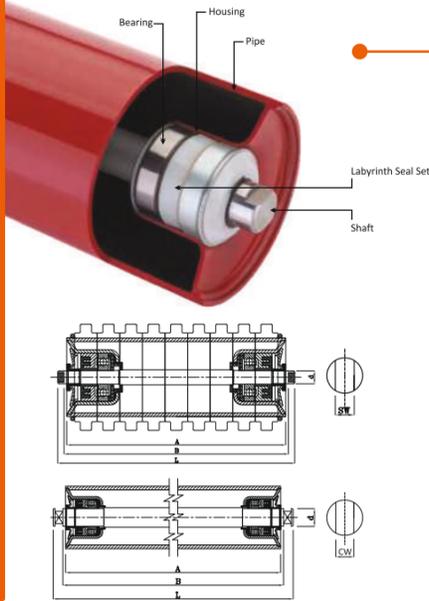


TECHNICAL INFORMATION 01

Belt Rating	RMBT kN/m	Nominal Carcass Thickness (mm)	Carcass Weight (kg/m ²)	Min. Pulley Diameters (mm) *			Minimum Belt width for Troughing		
				A	B	C	20 idlers	35 idlers	45 idlers
NN 250/2	25	2.1	2.2	315	250	200	400	500	600
NN 315/2	31.5	2.2	2.3	315	250	200	450	500	650
NN 315/3	31.5	2.75	3.65	400	315	250	500	600	700
NN 400/2	40	2.6	2.7	400	315	250	500	600	700
NN 400/3	40	3.4	3.8	400	315	250	600	700	900
NN 400/4	40	3.9	5.0	500	400	315	600	700	900
NN 500/3	50	3.6	4.2	500	400	315	600	700	900
NN 500/4	50	4.6	5.5	500	400	315	650	750	900
NN 500/5	50	5.0	6.3	630	500	400	800	900	1100
NN 630/3	63	4.1	4.9	500	400	315	650	750	900
NN 630/4	63	5.0	5.7	630	500	400	700	800	1000
NN 800/3	80	4.6	5.2	500	400	315	700	800	1000



CONVEYOR ROLLER



Belt Width	Roller Dia.	Flat Top / Return Idler					3 Roll Top Idler				
		Dimension in mm			Wt. In Kg.		Dimension in mm			Wt. In Kg.	
		A	B	L	Rotating Parts	Total	A	B	L	Rotating Parts	Total
*600	88.9	700	708	742	7.4	10.8	235	243	267	3.4	4.6
	114.3				10.1	13.6				4.5	5.6
650	88.9	750	758	792	7.9	11.5	250	258	282	3.6	4.8
	114.3				10.7	14.4				4.7	5.9
*750	114.3	850	858	892	12.0	16.1	280	288	312	5.0	6.4
	139.7				15.6	19.9				6.4	7.8
800	114.3	950	958	992	13.1	17.8	315	323	347	5.5	7.0
	139.7				17.3	21.9				7.0	8.5
*900	165.1	1050	1058	1092	20.4	25.0	350	358	382	8.2	9.8
	114.3				14.4	19.5				5.9	7.6
1000	139.7	1150	1158	1192	18.9	24.0	380	388	412	7.6	9.3
	165.1				22.3	27.5				8.9	10.6
1200	114.3	1400	1408	1442	15.6	21.2	465	473	497	6.2	8.1
	139.7				20.5	26.1				8.0	10.0
	165.1				24.2	29.9				9.5	11.3
	114.3				18.6	25.4				7.3	9.5
	165.1				29.0	35.9				11.1	13.4

STANDARD - IS : 8598 / 4776
TUBE DIA & THICKNESS AS PER IS : 9295 / 12.39

	L	M	H	E.H.
1) 88.9 dia	3.25	4.05	4.85	-
2) 114.3 dia	3.65	4.5	5.4	6.3
3) 139.7 dia	4.5	4.85	5.4	6.3
4) 165.1 dia	4.5	4.85	5.4	6.3

D 20 / 25 / 30 / 35 mm
SW 14 / 18 / 22 / 28 mm
All dimension are in mm.

POWER & FORCE SERIES SMSR GEARBOX TECHNICAL DETAILS



Given Below Selection of Gear unit calculation for drive Pulley Dia 300 mm

GEAR UNIT		MOTOR HP	MOTOR SPEED RPM	GEAR PULLEY SIZE	MOTOR PULLEY SIZE	CONVEYOR SPEED RPM		
MODEL	RATIO							
N1	7:1	1, 1.5, 2	1440	18"	5"	57		
N2			960	12"				
N3/K3		2, 3	1440	18"				
N4/K4			960	12"				
N5/K5	6:1	5, 7.5	960	14"	5"		60	
N6/K6			7.5, 10					960
N7		10, 15, 20	960					
N8			20, 25, 30					960
N5/K5	6:1	5, 7.5	1440	20"	5"	64		
N6/K6			7.5, 10					1440
N7		10, 15, 20	1440					
N8			20, 25, 30					1440
N1	7:1	1, 1.5, 2	1440	16"	5"		67	
N2			2					1440
N3/K3		2, 3	1440					
N4/K4			3, 5					1440
N5/K5	6:1	5, 7.5	1440	18"	5"	67		
N6/K6			7.5, 10					1440
N7		10, 15, 20	960					
N8			20, 25, 30					1440

OUTPUT SHAFT KEY DIMENSIONS STANDARD METRICS KEY WAYS

STANDARD HUB BORE (MM)	HUB KEYWAY	KEY SIZE
35	10 x 3.5	10 x 8
40	12 x 3.5	12 x 8
50	14 x 4	14 x 9
55	16 x 4.5	16 x 10
60	18 x 4.6	18 x 11
65	18 x 4.6	18 x 11
70	20 x 5.1	20 x 12
75	20 x 5.1	20 x 12
80	22 x 5.6	22 x 14
85	22 x 5.6	22 x 14
90	25 x 5.6	25 x 14
100	28 x 6.6	28 x 16

STANDARD INCH KEY WAYS

STANDARD HUB BORE (INCH)	HUB KEYWAY	KEY SIZE
1.5"	9.52 x 2.77	9.52(3/8") x 6.35(1/4")
2"	12.70 x 3.70	12.70(1/2") x 7.93(5/16")
2.5"	15.87 x 5.05	15.87(5/8") x 11.11(7/16")
3"	19.05 x 5.70	19.05(3/4") x 12.70(1/2")
4"	25.40 x 8.45	25.40(1") x 19.05(3/4")

OTHER ACCESSORIES - WE SUPPLY



JAW PLATE BOLT



SPRINGS



CONE CRUSHER MAIN SHAFT



TORCH RING



CHECK NUT / TRUST RING



BEARINGS



NUTS & BOLTS



GEAR BOX



V BELTS



O RINGS



SEALS



BACKING COMPOUND



HYDRAULIC FILTERS



THRUST PAD



RIB LINER



WIRE MESH & PU MESH



JAW CRUSHER SIDE PLATE



JAW CRUSHER - JAM RELIEVER



LUBRICATION - OIL HEATER



DOWTY WASHER



RECONDITIONING WORK



CONVEYOR BELT



CONE MANTEL



JAW PLATE

CONCAVE BOLT
FREQUENTLY CUTTING ISSUE

BEFORE



AFTER



SPIDER BEARING
BUSH FAILURE

BEFORE



AFTER



BUSH CHEESE ISSUE

BEFORE



AFTER



FLOAT SENSOR
MALFUNCTION

BEFORE



AFTER



WHEREVER YOUR SITE IS,
WE'RE ALREADY CLOSE

SERVICE NETWORK & CAPABILITY

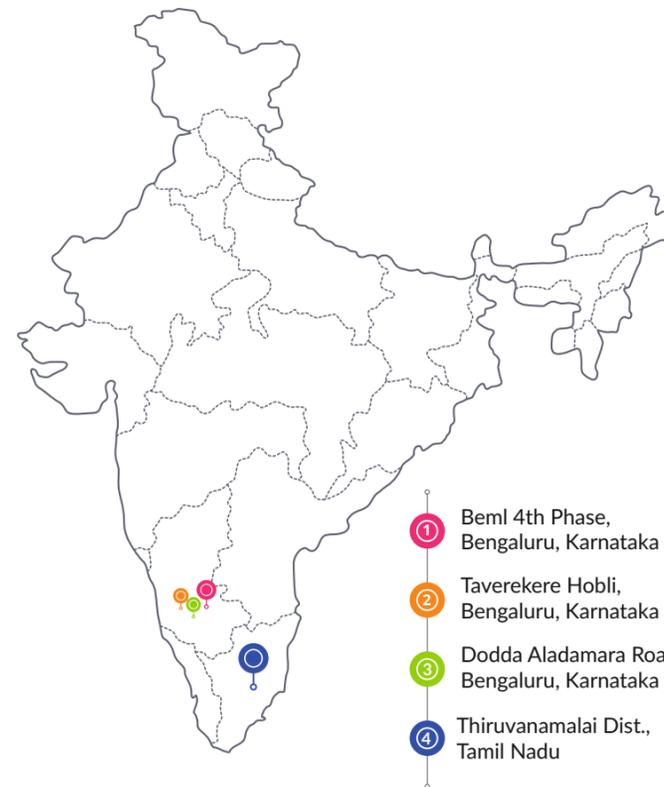
A strong network of locations, workshops & repair centers powering uninterrupted operations.

Our service capability is built on a robust pan-India infrastructure designed to support 24/7 industrial operations.

With 20+ expert technicians, 3 service hubs, 2 repair facilities and 2 manufacturing units, we ensure unmatched availability, reach and turnaround time.

WHY OUR
NETWORK MATTERS:

- ◆ Faster on-site arrival
- ◆ Reduced machine downtime
- ◆ Quick access to genuine replacement parts
- ◆ End-to-end service from diagnosis → repair → testing
- ◆ Built to outperform OEM service timelines



OUR SERVICE
INFRASTRUCTURE:

- 20+** **SERVICE EXPERTS**
Specialists trained across multi-brand systems and critical crusher assemblies.
- 3+** **SERVICE LOCATIONS**
Ensuring quick deployment and maximum site coverage.
- 2** **REPAIR FACILITIES**
Equipped for major overhauls, component refurbishing & precision rebuilds.
- 2** **MANUFACTURING UNITS**
Faster access to spares, custom components & engineered solutions.

99%
REPEAT CUSTOMERS

THOUSANDS OF SUCCESSFUL
BREAKDOWN RECOVERIES

ON-SITE RESPONSE
WITHIN HOURS
(LOCATION DEPENDENT)

MULTI-OEM
TRAINED EXPERTS