

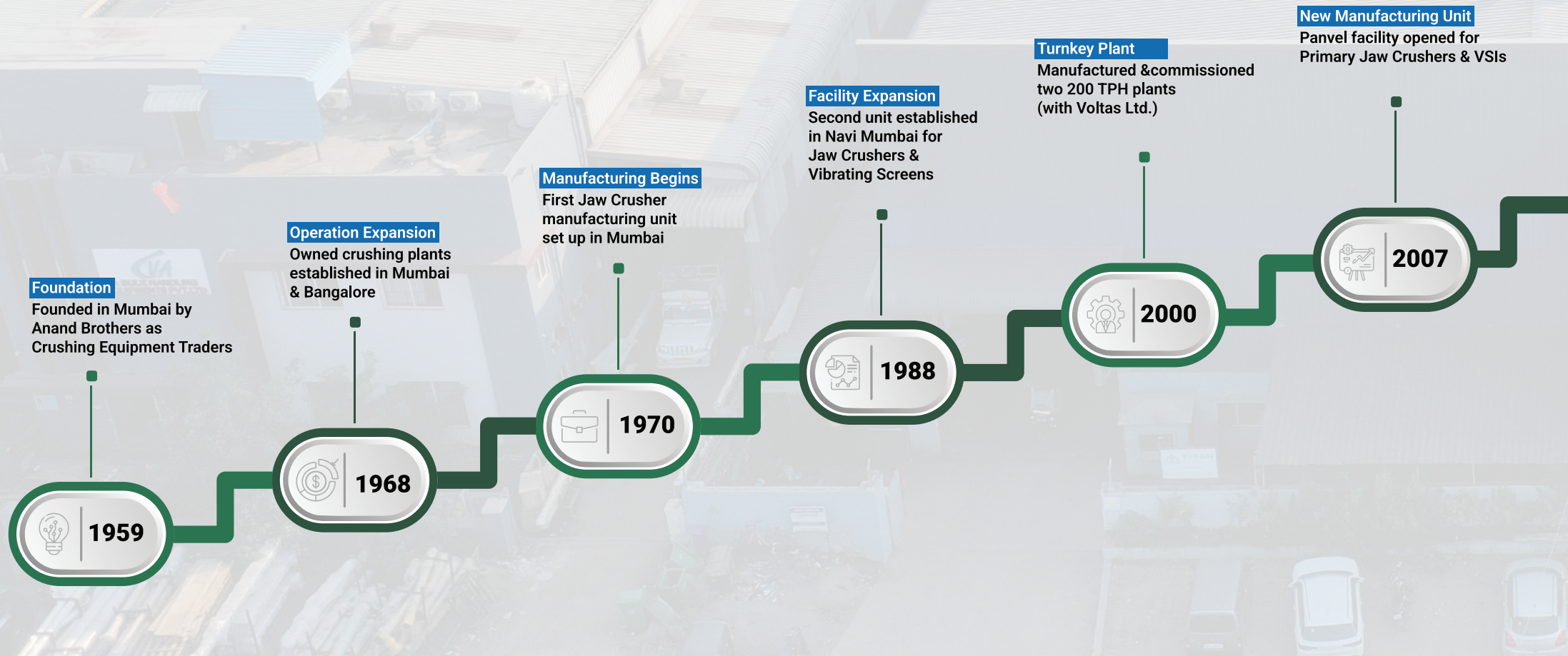
TITAN
CRUSHING
EQUIPMENT LLP

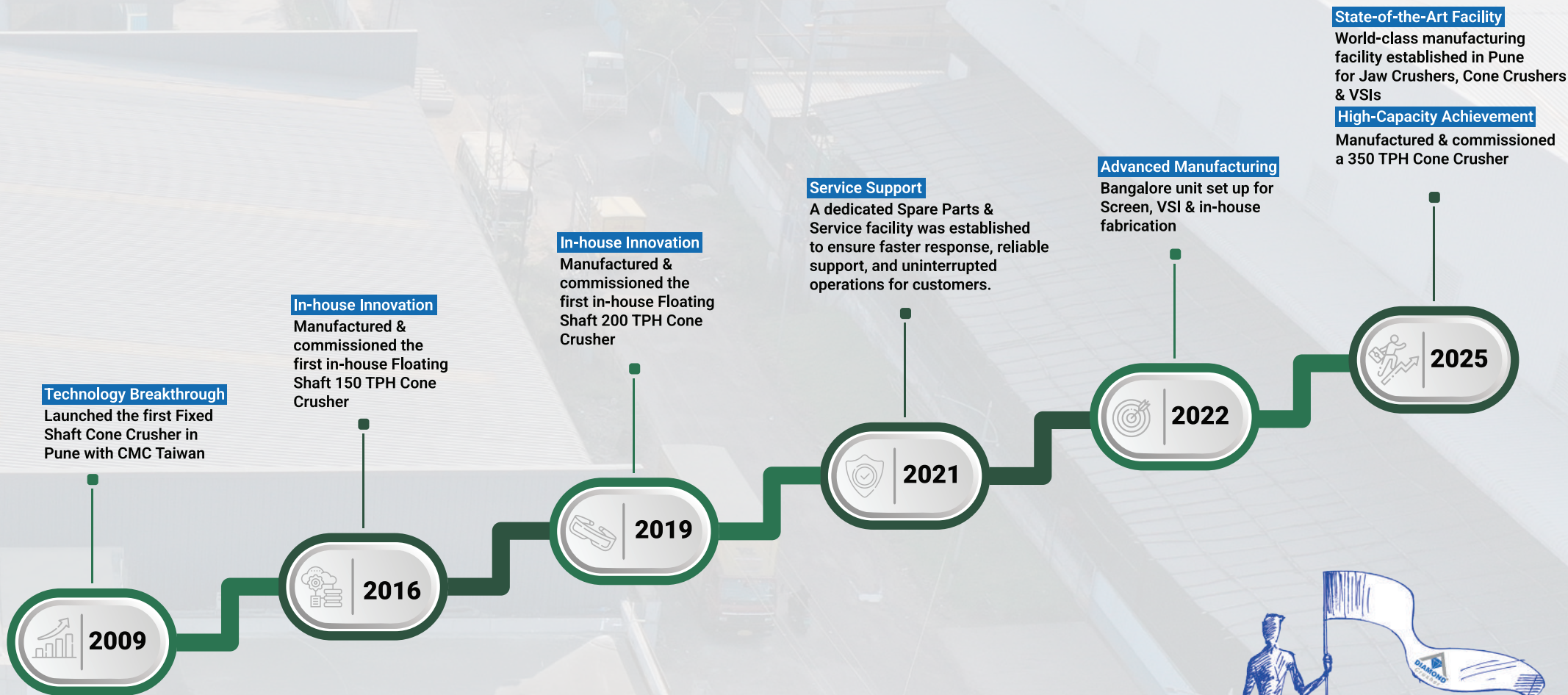


Increasing Your Aggregate Value



Diamond Crushers has been the pioneers in delivering robust, efficient, and high performing crushing & screening equipment across industries. The range of products, manufacturing capabilities, design expertise, and reach across the country has created a remarkable footprint for Diamond; not just on the ground but in customers' minds. Welcome to the world of Diamond where you come first! We apply our technical intelligence not just to fulfill your requirements, but to take you ahead in the business. Join us on the journey!





55

YEARS OF
INDUSTRIAL EXPERIENCE

50+

PRODUCT VARIANTS

5

MANUFACTURING
UNITS

1,40,000

SQ FT FACTORY AREA

8000+

INSTALLATIONS



GATE - 1





Plants

50 to 500
TPH capacity

Applications

M-sand & P-sand

Solutions

Types of stones
Basalt, Silica,
Granite, Quartzite,
Iron ore, Coal, and RBM



Turnkey Solution

It's our responsibility to handover the keys to you and ensure yields everyday! We keep you worry free so that you can focus on your customers.



Robust Design

Titan's excellence in design and engineering ensures your hassle-free operations over the years.



Efficient Plants

Your cost per tonne defines your efficiency and we are master at it to create that edge for you. So go efficient to secure your future!



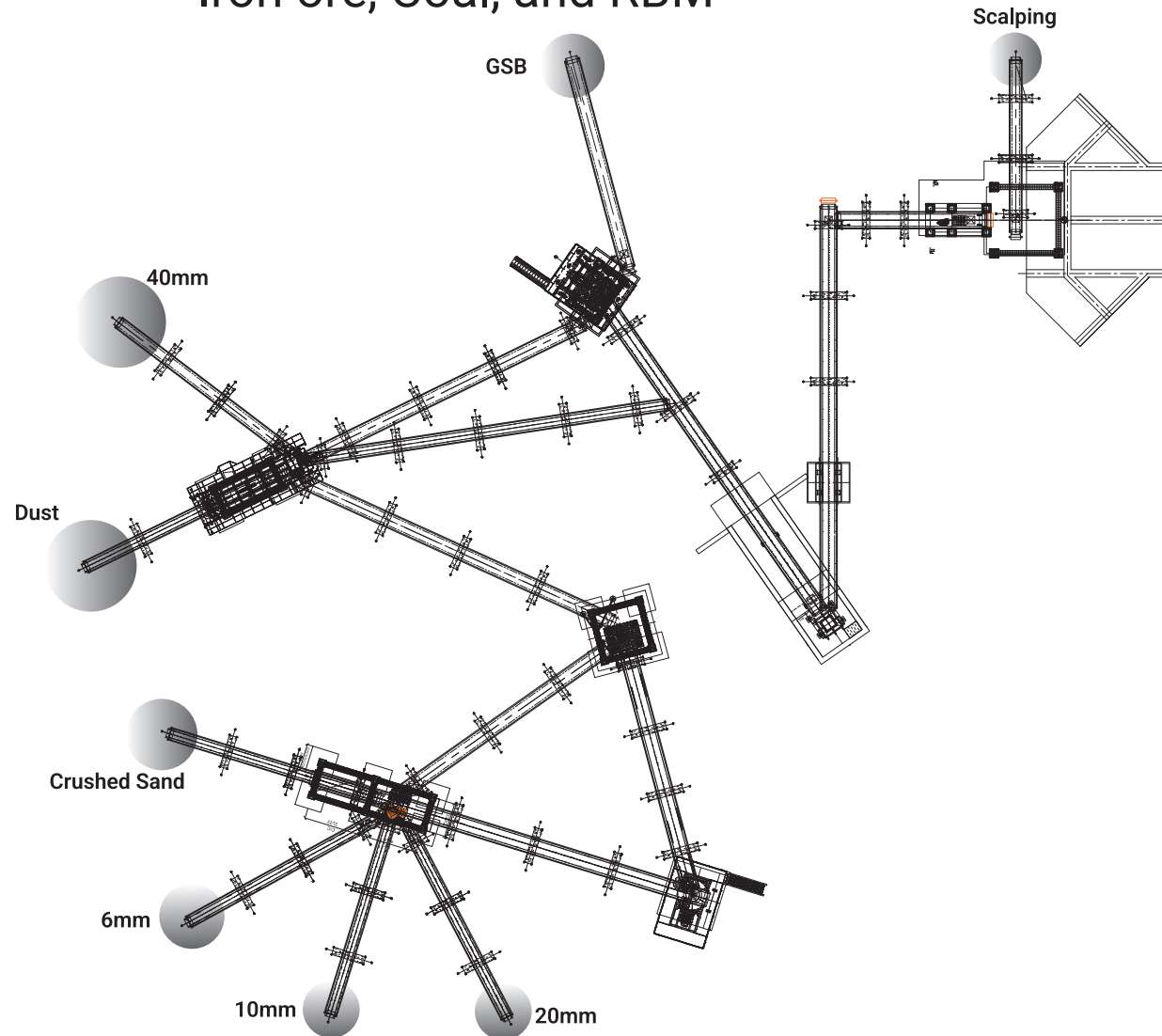
Dynamism Inbuilt

Titan plants are made to process various types of stones and to deliver various outputs as per your application needs. Cater your customers' dynamic needs swiftly.



We walk with You

Titan understands the complexity and customer needs in entirety. We just don't sell the plants; we walk with our customers to ensure their success in achieving yields and efficiency.





Crushing & Screening Plants

Combinations & Capacities

Combination	Capacity	Stage*			
Jaw - Jaw	50 - 100 TPH	2	3	4	
Jaw - Cone	150 - 250 TPH	2	3	4	5
Jaw - Cone	300 - 600 TPH	2	3	4	5

Sand Plants

Combinations & Capacities

	M-Sand & P-Sand with & without Washing
VSI	25 - 90 TPH
Sandmaster Cone	50 - 100 TPH
Sandmaster Cone + VSI	50 - 150 TPH

*Stage

2	3	4	5
Jaw	Jaw	Jaw	Jaw
Cone	Cone	Cone	Cone
	VSI	VSI	Fine Cone
		Washing	VSI
			Washing

Jaw Crushers

RJ Series

Titan's Primary Jaw Crusher, the flagship product, stands out as the clear preference among our customers. Having been installed Pan India, Diamond Jaw has demonstrated its prowess in diverse conditions, with various types of stones, and in a wide range of applications.



Exceptional performance



Sturdy design



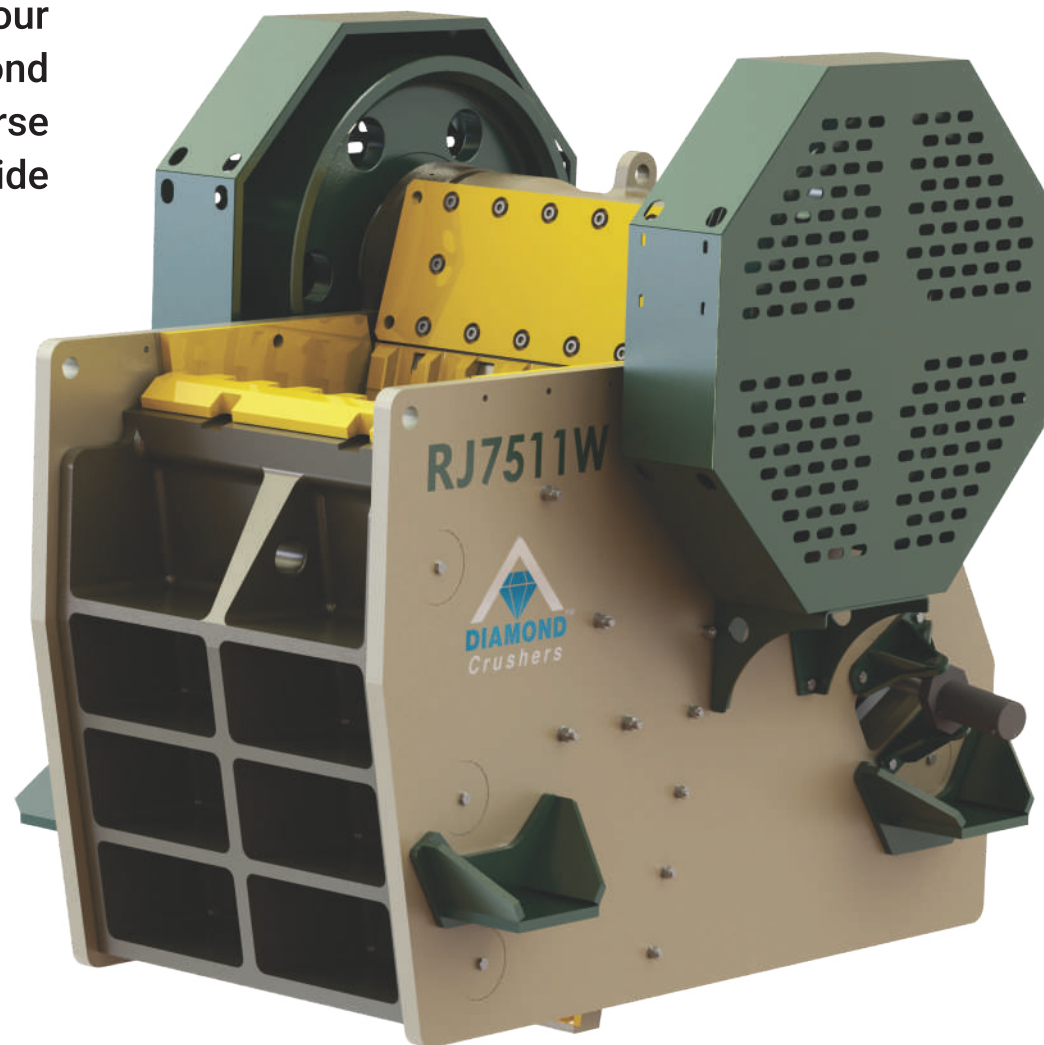
Unmatched durability



Easy to install



Worry free operations



RJ Series

Models & Technical Specifications



	Feed Opening	Max Feed Size		Motor Power		Crusher Speed
		Inches	mm	Kw	HP	
RJ7509	36 x 30 in 900 x 750 mm	24	600	90	120	250
RJ7511	44 x 30 in 1100 x 750 mm	28	700	132	180	250

Crushing Capacity in Tons Per Hour (TPH)

corresponding to Closed Side Setting (CSS)

	Inches	3.5	4	5	6	7
	mm	90	100	125	150	175
RJ7509		130	150	175		
RJ7511			260	280	300	320

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Jaw Crushers

DJ Series - Primary

Crafted to perfection, Diamond Jaw Crushers are robust and resilient, demonstrating successful performance across diverse applications. It includes basalt, granite, quartzite, river gravel, silica sand, and more. DJ series crushers are specifically designed to achieve aggregate shapes that conform to all elongation and flakiness index tests.



Best value for your investment



Excellence at your work



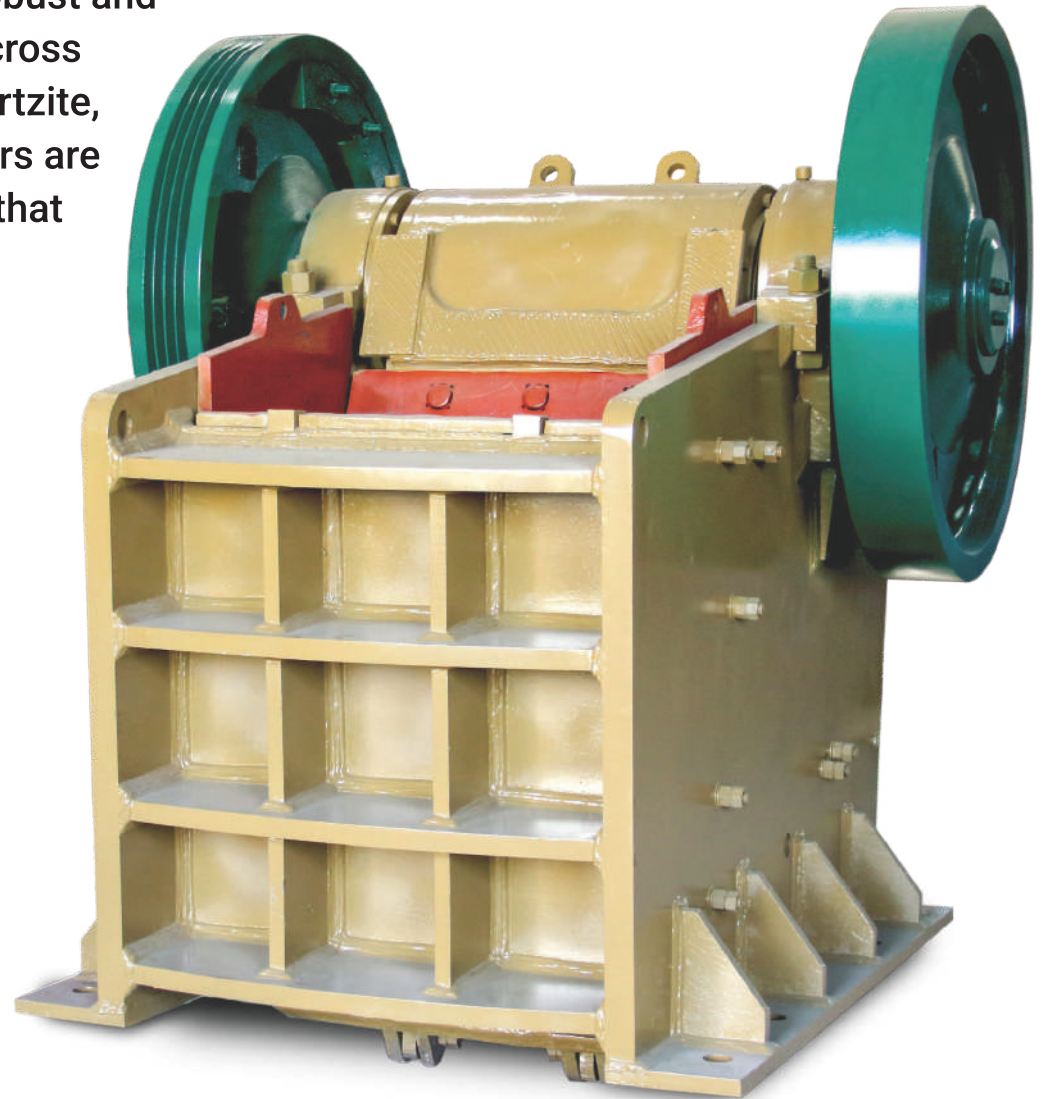
Robust engineering



Performance guaranteed



Reliability inbuilt



DJ Series - Primary



Models & Technical Specifications

	Feed Opening Inches mm	Max Feed Size Inches mm	Motor Power Kw HP	Crusher Speed RPM
DJ 3220	32 x 20 800 x 500	18 450	44 60	275
DJ 3224	32 x 24 800 x 600	22 550	44 60	275
DJ 3624	36 x 24 900 x 600	22 550	55 75	265
DJ 3628	36 x 28 900 x 700	26 650	75 100	265
DJ 4232	42 x 32 1050 x 800	30 750	110 150	250

Crushing Capacity in Tonnes Per Hour

Inches mm	2.5 65	3 75	3.5 90	4 100	5 125	6 150	7 175
DJ 3220	60-65	65-70	70-75	75-85			
DJ 3224		75-80	80-85	85-95			
DJ 3624		95-100	100-105	105-110	110-115		
DJ 3628			100-110	110-125	125-130		
DJ 4232			160-170	170-190	180-210	200-220	

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Jaw Crushers

DJ Series - Secondary

Diamond DJ Series Secondary Jaw Crusher boasts a simple yet robust design for durability. It's crafted with high-strength, lightweight materials, offering high capacity and excellent reduction capabilities. With a large feed and versatile settings, it adapts easily to diverse needs. Backed by high reliability and quality manufacturing, it ensures consistent, top-notch performance.



Best-in-class



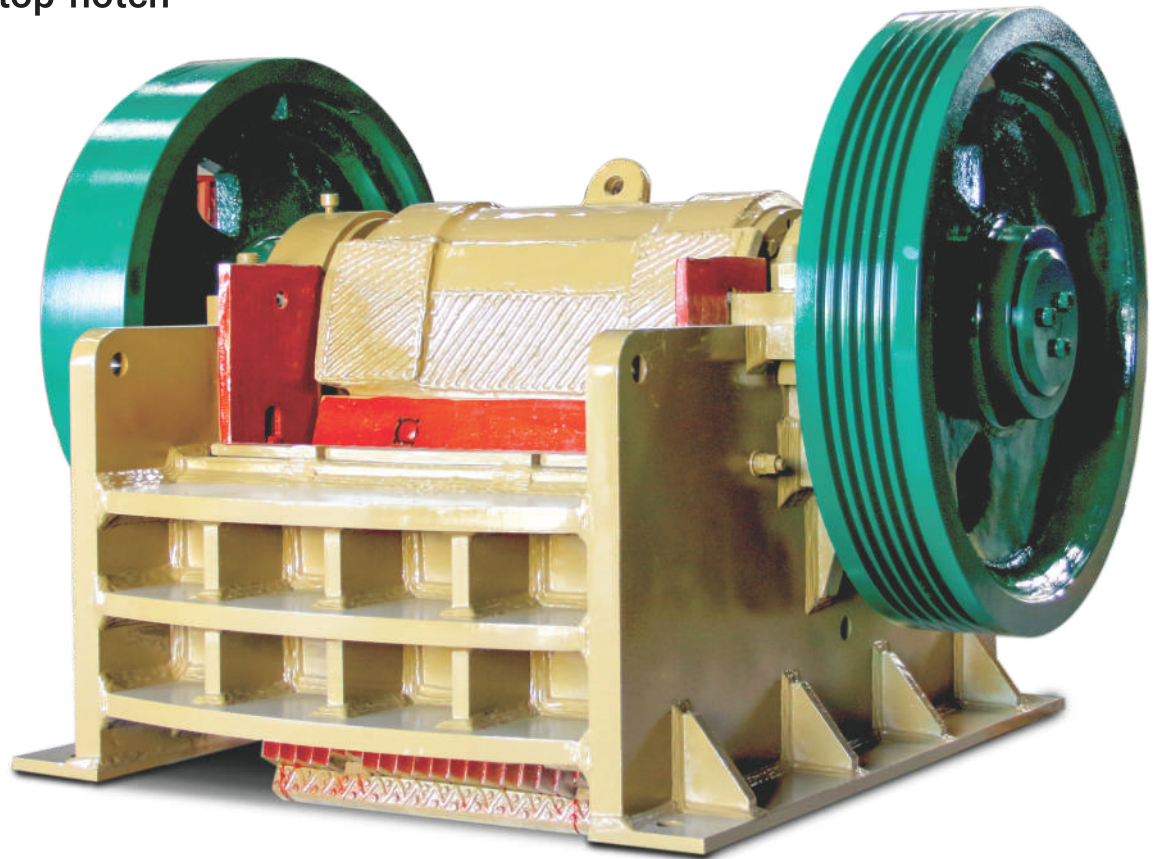
Superior engineering



Versatile Performer



Solidity in action



DJ Series - Secondary



Models & Technical Specifications

	Feed Opening Inches mm	Max Feed Size Inches mm	Motor Power Kw HP		Crusher Speed RPM
DJ 2412	24 x 12 600 x 300	11 275	37	50	300
DJ 3207	32x 7 800 x 175	6 150	37	50	300
DJ 3608	36 x 8 900 x 200	7 175	44	60	300
DJ 4208	42 x 8 1050 x 200	7 175	44	60	300
DJ 4809	48 x 9 1200 x 225	8 200	55	75	300

Crushing Capacity in Tonnes Per Hour

Inches mm	0.5 12	0.75 19	1 25	1.25 32	1.5 40	2 50	2.5 65
DJ 2412			25	28	32	35	40
DJ 3207		25	31	36	42		
DJ 3608		30	35	42	50		
DJ 4208		35	42	48	55	60	
DJ 4809		42	50	60	70	80	

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Feeders

RGF Series

Diamond Grizzly Feeders are the entry point to your success! With its large feed sizes and feeding capabilities; Diamond has been delivering high performing feeders to the crushing industry over the years.



High capacity



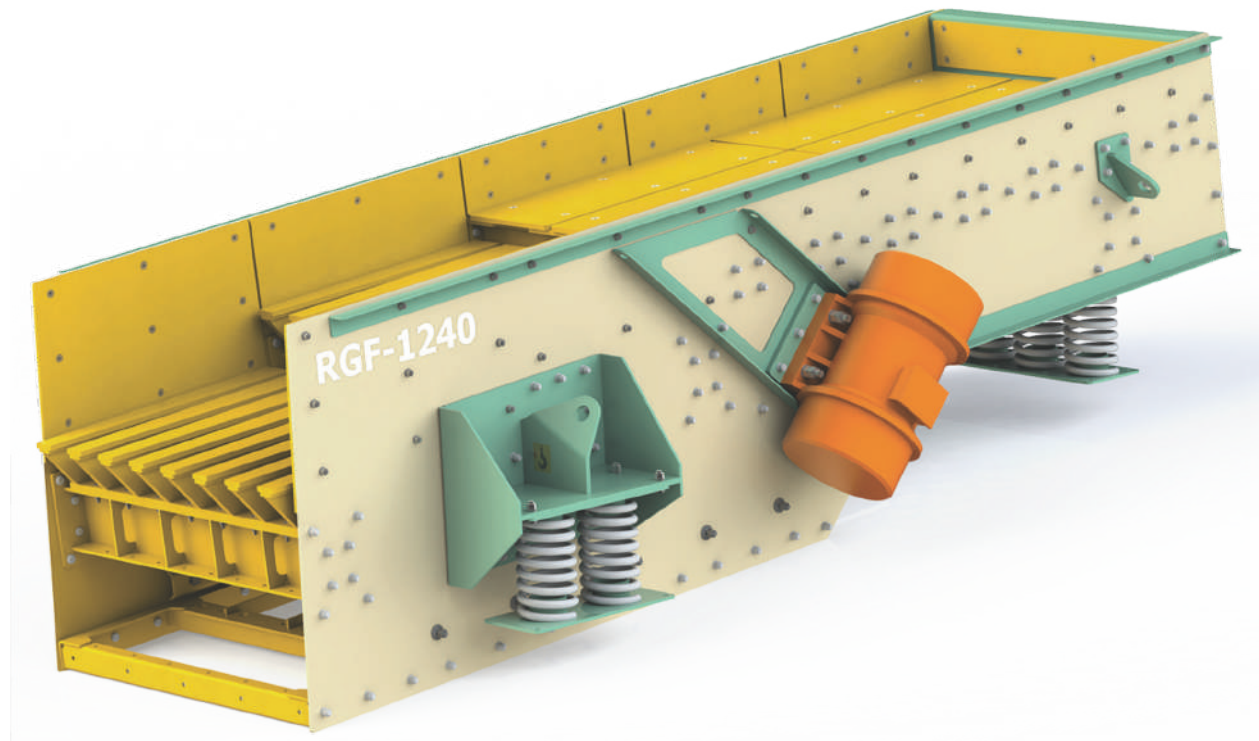
Persistent design



Manufactured for robustness



Maintenance free operations



Feeders



Models & Technical Specifications

	Size (mm)	Power Rating (Kw)	Max. Lump Size (mm)	Capacity (TPH)
RGF 0932	900 x 3000	2.2 x 2	500	90-150
RGF 1240	1250 x 4000	3.87 x 2	700	200-250
RGF 1245	1250 x 4500	5.13 x 2	700	300-350
RGF 1450	1400 x 5000	8.0 x 2	900	400-500

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Cone Crushers

RC Series - Floating Shaft

At the heart of your crushing units are the cones, and Titan recognizes their pivotal role. We've dedicated our expertise to guarantee your success in this critical component.



Proven performer



Efficiency ensured



Lower operating costs



Best value for your investment



RC Series - Floating Shaft



Models & Technical Specifications

	Max Feed Size		CSS Range	Motor Power		Capacity Range
	Inches	mm		Kw	HP	TPH
RC-32	5	125	20-30	75-90	100-120	80-100
RC-36	6	150	22-34	90-110	120-150	130-150
RC-42	7	180	22-36	130-160	180-215	200-220
RC-44	8	200	24-40	160-180	215-240	240-270
RC-46	10	250	26-42	200-220	270-300	290-350

Cone Crushers

DP Series - Fixed Shaft

From road aggregate to crushed sand; Diamond DP Series Cone Crusher is the best-in-class choice for customers across segments. These high speed Cones take you to the next level in crushing in terms of efficiency and yield.



Highly efficient



Low operating cost



Large crushing ratio



Superior durability



DP Series - Fixed Shaft



Models & Technical Specifications

	Cavity	Max Feed Size mm	Min Setting CSS mm	Motor Power Kw HP
DP1 - A	SS Sandmaster	30	8	90 120
	S Fine	60	9	
	F Medium	80	13	
	C Coarse	95	20	
	CC Extra Coarse	145	25	
DP2 - A & DP2 - S	SS Sandmaster	35	10	132 180
	S Fine	95	13	
	F Medium	125	18	
	C Coarse	160	21	
	CC Extra Coarse	185	30	
DP3 - A & DP3 - S	SS Sandmaster	45	10	200 270
	S Fine	107	13	
	F Medium	180	20	
	C Coarse	220	22	
	CC Extra Coarse	250	30	
DP4 - A & DP4 - S	SS Sandmaster	40	10	250 335
	S Fine	110	18	
	F Medium	198	22	
	C Coarse	252	28	
	CC Extra Coarse	299	40	

Crushing Capacity in Tonnes Per Hour

CSS (mm)	DP1 - A	DP2 - A	DP3 - A	DP4 - A
6	45-52			
8	47-57			
10	52-66	86-116	110-136	136-171
13	57-76	116-146	146-180	180-226
16	66-85	136-176	176-216	221-276
19	71-90	146-186	196-236	250-316
22	76-95	156-196	216-256	270-350
25	80-104	166-216	226-276	290-366
32	95-133	186-231	246-316	320-426
38		206-245	296-376	356-486
45			246-436	406-556
51				460-626

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Fine Cone Crushers

Sandmaster Series

Sand has been an integral need across the sectors. Diamond Sandmaster Series is an efficient and effective answer to produce plaster sand and artificial sand. With its operational superiority and design, Diamond Sandmaster Series have become the preferred choice in the business.



For P & M Sand



High output capacity



As per the industry standards



Exceptional yield



Fine Cone Crushers



Models & Technical Specifications

	Max Feed Size		CSS Range	Motor Power		Capacity Range
	Inches	mm	mm	Kw	HP	TPH
RC-36 SH	1.75	45	12-20	110	150	50-80
RC-44 SH	2.5	65	12-20	180	250	110-130

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Vibrating Screens

RS Series

Titan offers a wide range of screens with various deck options to meet your screening requirements. Its ability to screen and separate crushed material of varied states efficiently gives you an unparalleled advantage to produce volume.



Flexible and safe design



Adjustable stroke and frequency



Highly efficient



Robust working



Vibrating Screens



Models & Technical Specifications

	Size mm	No. of Decks	Motor Power Kw HP
RS 1560 3D	1500 x 6000	III	18.5 25
RS 1560 4D	1500 x 6000	IV	18.5 25
RS 1850 3D	1800 x 5000	III	18.5 25
RS 1850 4D	1800 x 5000	IV	18.5 25
RS 1860 3D	1800 x 6000	III	22 30
RS 1860 4D	1800 x 6000	IV	22 30
RS 2160 3D	2100 x 6000	III	30 40
RS 2160 4D	2100 x 6000	IV	30 40
RS 2460 3D	2400 x 6000	III	37.5 50
RS 2460 4D	2400 x 6000	IV	37.5 50

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Vertical Shaft Impactors

RV Series

Demand for fine aggregates and sand has been growing rapidly and Diamond Vertical Shaft Impactor RV Series has been at the forefront to deliver it. With its high performance and flexible operating parameters, M-Sand and P-Sand production at the lowest per tonne cost has been Titan's biggest contributor to your success.



Excellent engineering



Low per tonne cost



Advanced design



Easy to maintain



RV Series



Models & Technical Specifications

	Max Feed Size mm	Capacity Range TPH	Motor Power Kw HP		Drive
RV 7	35	140-180	132-180	180-240	Single
RV 7X	35	190-260	200-250	270-335	Single
RV 8	40	260-375	270-350	360-480	Dual
RV 9	45	375-500	350-500	480-670	Dual

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Vertical Shaft Impactors

DVX Series

Diamond Vertical Shaft Impactors are the best choice to produce superior cubical aggregate and sand with the best yield and efficiency. The large feed size and superior design creates an edge for you and adds value to your success!



Quick and easy to maintain



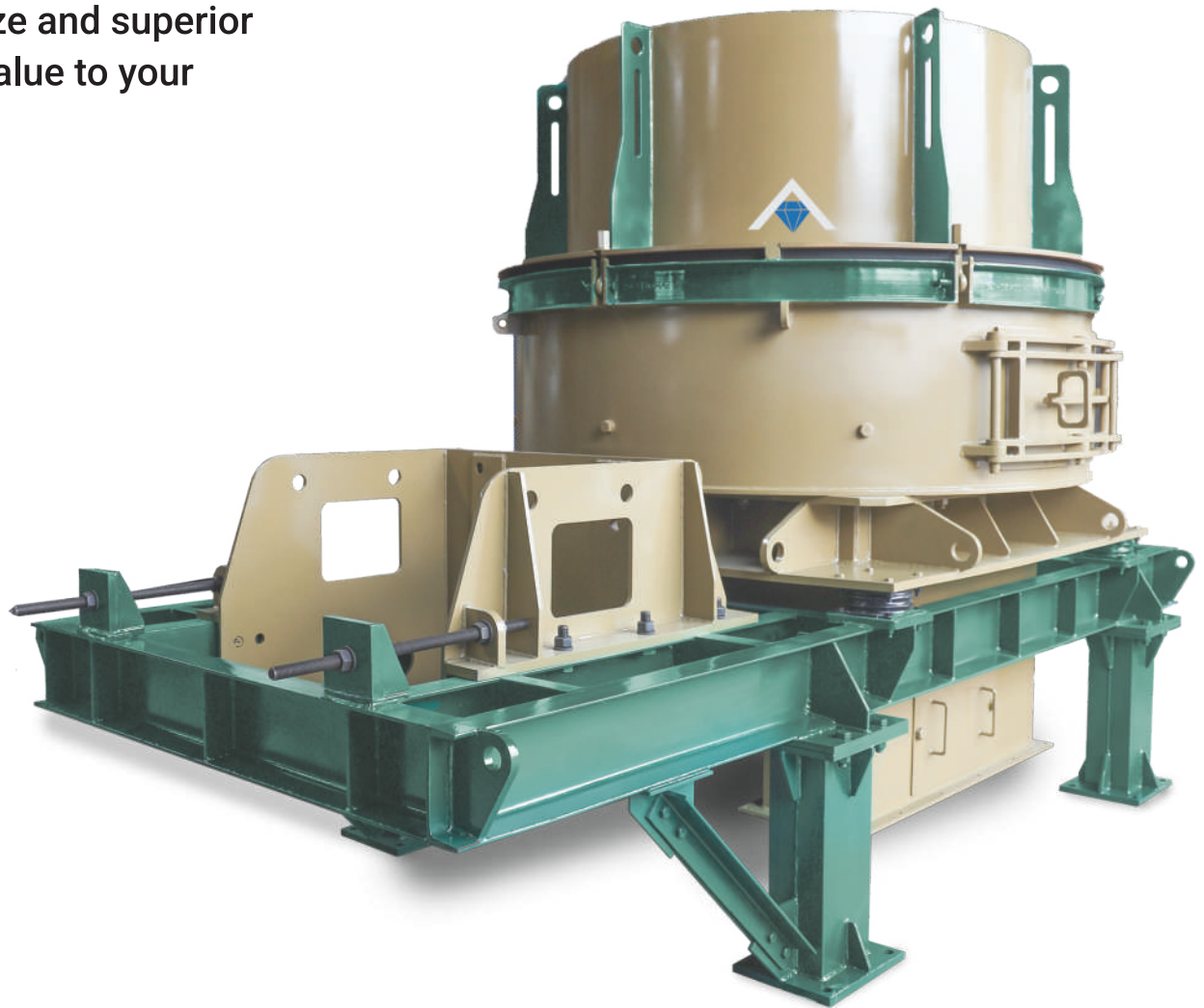
Low per tonne cost



Best value for your investment



Robust design



DVX Series



Models & Technical Specifications

	Max Feed Size mm	Capacity Range TPH	Motor Power HP
DVX-110	35	60-110	100-150
DVX-120	40	120-160	150-220

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Wheeled Plants

Primary Series

Diamond Wheeled Plant is the result of our commitment to increasing customer's aggregate value. Let it be its design, engineering, or robustness; our plants will work for you to maximize your efficiency and to reduce your production cost per ton. Go with Diamond Wheeled Plants and experience the success.



Modular Structure



Dynamism inbuilt



Easy to transport



Quick to install



Efficiency ensured



Primary Wheeled Plants

Models & Technical Specifications



	RM 509 P	RM 511 P
Jaw Crusher (inches)	36" x 30"	44" x 30"
Capacity (TPH)	200	250
Feeder	1.0 x 3.5	1.2 x 4.0
Total Power (Kw)	110	152
Tail Conveyor Width	800 mm	1000 mm
No. of Axle	2	2
Type of Landing Legs	Manual (2 Nos)	Manual (2 Nos)
Type of Feed Hopper	Detachable	Detachable
Feed Hopper Capacity	10 Cu.M.	10 Cu.M.

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Wheeled Plants

Secondary Series

When it comes to versatility of your crushing business to accomodate changes, Diamond Wheeled Plant is an obvious answer to it! This sophisticated machine will help you achieve the next stage in crushing and will deliver the best value for your investment. Crush your boundaries with Diamond to be on the success path!



Modular Structure



Quick to install & operate



Maximize your efficiency



Higher yield & reduced production cost



Secondary Wheeled Plants



Models & Technical Specifications

	RM 510 S	RM 511 S
Cone Crusher	RC 42	RC 44
Screen Size (m)	1.8 x 6.0	1.8 x 6.0
Capacity (TPH)	200 - 230	250 - 280
Total Power (Kw)	213	238
No. of Axle	2	2
Type of Landing Legs	Manual (2 Nos)	Manual (2 Nos)
Tail Conveyor	No	No
Screen Lifting	Manual	Manual

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Combo Plants

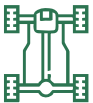
Diamond Wheeled Plant is the result of our commitment to increasing customer's aggregate value. Let it be its design, engineering, or robustness; our plants will work for you to maximize your efficiency and to reduce your production cost per ton. Go with Diamond Wheeled Plants and experience the success.



Available in 80TPH, 110TPH & 130TPH



Two stage crushing for optimised performance



Single chassis mounting



Larger screen size for best in class output



Easy and quick erection



Lesser civil work



Diamond Combo Skid Mounted

Two Stage Crushing & Screening Plant Specifications

Model / Items	RS80 COMBO		RS110 COMBO		RS130 COMBO	
	Model	Power(KW)	Model	Power(KW)	Model	Power(KW)
Integrated Hopper	5 m ³	---	5 m ³	---	5 m ³	---
Vibro Feeder	RGF 0932	2.2*2	RGF 0932	2.2*2	RGF 0932	2.2*2
Primary Crusher	DJ 3220	45	DJ 3220	45	DJ 3624	55
Secondary Crusher	DJ 4809	55	RC 32	90	RC 36	110
Vibrating Screen	RVS 1545-4D	11	RVS 1545-4D	11	RVS 1560-4D	18
Integrated Conveyor (BC-1)	4.2×800BW	3.75	4.2×800BW	3.75	4.2×800BW	3.75
Feeding Conveyor (BC-2)	18m×650BW	3.75	18m×650BW	3.75	18m×650BW	3.75
Feeding Conveyor (BC-3)	19m×650BW	3.75	19m×650BW	3.75	19m×650BW	3.75
Product Conveyors (BC-4 to BC-7)	13m×500BW ×4No.s 4	3.7×4	13m×500BW ×4No.s	3.7×4	13m×500BW ×4No.s	3.7×4
Total Power (KW)		141.5		176.5		213.5

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

Washing Systems

RW Series

Sand washing is a critical step to adhere to stringent environmental needs. Diamond Sand Washing System ensures removal of 75 microns and smaller particles with greater efficiencies. You can produce plaster sand and manufactured sand as per the requirement.



Flexible yet simple to maintain



Robust design



Engineered to perform



Highly persistent





RW Series

Models & Technical Specifications

Specifications	RW 50	RW 75	RW 100
Capacity (TPH)	40-50	70-80	100-110
Hydrocyclone Size (mm)	400	500	600
Slurry Pump Size (Inches)	4 / 3	6 / 4	8 / 6
Pump Flow Rate (m ³ /hr)	120	190	280
Motor Rating (HP)	30	40	60
Dewatering Screen Size (mm)	2430 x 1930	2830 x 2000	3600 x 2400
Dewatering Screen Power (HP)	3 (2 nos)	5 (2 nos)	10 (2 nos)

Note: The capacities outlined in the brochure are general and may be subject to change based on the specific material to be crushed.

C & D Plants

Titan has emerged as a market leader in India's Construction & Demolition (C&D) waste management sector. Titan empowers the construction and demolition industry with state-of-the-art waste processing plants. Its R&D, design, and manufacturing capabilities have created sustainable, robust, and efficient plants to recycle C&D waste at the large scale. The plant processes diverse materials, including concrete, steel, and wood. These plants reduce the need for raw materials, cut down on environmental footprints, and promote responsible material reuse.



Recycle excavation debris to the fullest extent



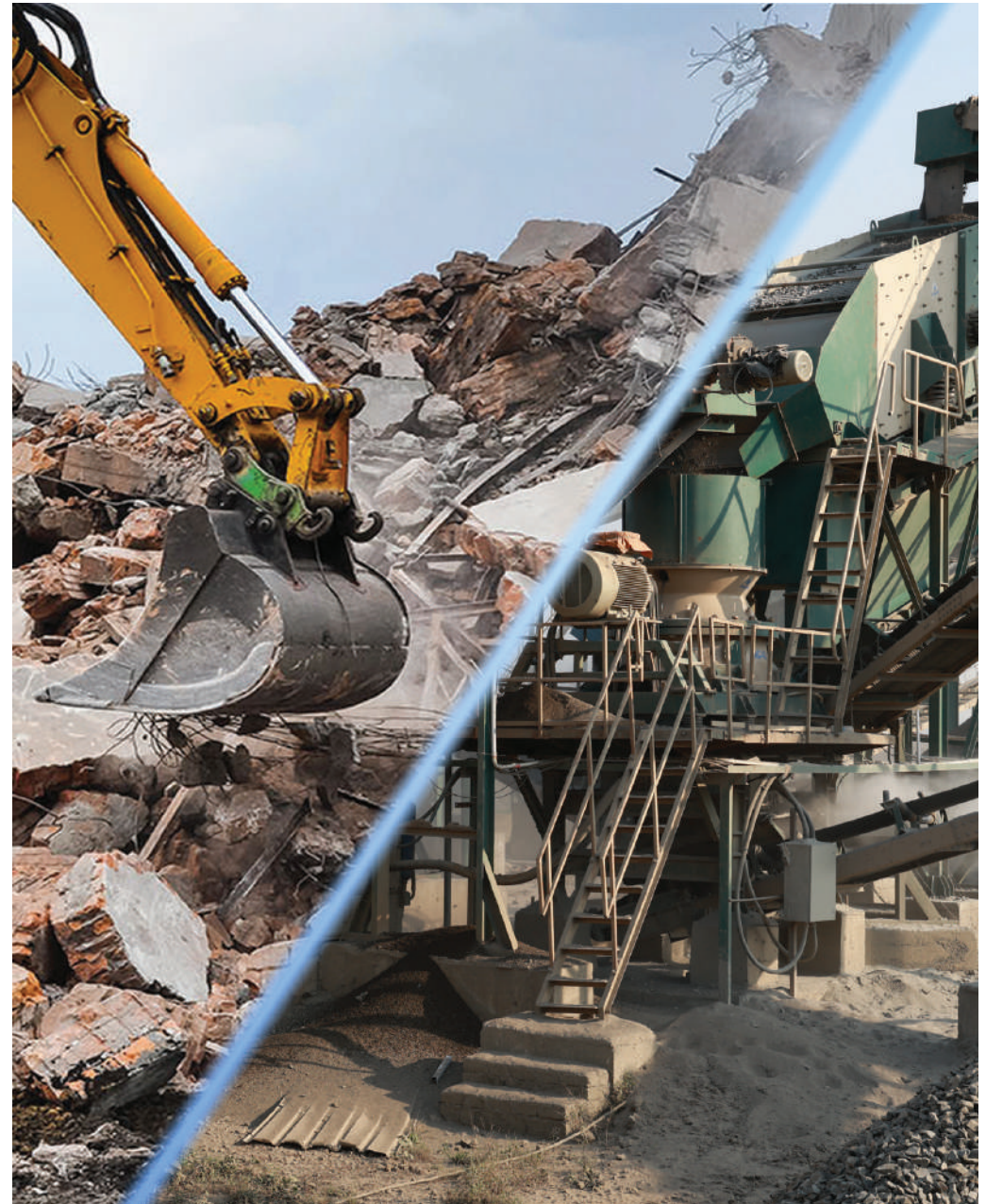
Generate recycled sand and aggregate for various usage



Be close to the market and reduce your transport costs



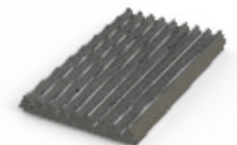
Ensure sustainable supply to protect environment



Spare Parts & Services



Ensuring your equipment and plant uptime is the top most agenda at Titan. Our service reach across India demonstrate our capability to install, maintain, repair, and troubleshoot your assets effectively. Titan's Pune plant is strengthened to refurbish your old equipment and offer a new life for its sustainable usage. Additionally, our spare parts supply chain is efficiently organized to ensure timely delivery of the right spare part at your destination. Experience the Titan advantage and have your edge in the crushing business!





Downtime?

We don't let it happen!

Our service team is dedicated to keeping your machines running at peak performance with quick response and reliable support.

Notes:

Regd. Office:

TITAN CRUSHING EQUIPMENT LLP

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OUR NETWORK

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Group Company

