



Tertiary Impact Crushers

MTI 1115, MTI 1110 and MTI 1105 Technical Specification

Tertiary Impact Crushers are designed for crushing soft and medium hard materials. They are mainly used to produce fine material that are excellently suited as aggregates for concrete and asphalt producing industries. The final product shows a close grain distribution with a high percentage of cubical shape. Adjustable breaker plates enable grinding up to 50%.



FEATURES

MAINTENANCE

Special blow bar housing design ensuring easy maintenance. Gate system opening in parallel which provides for servicing the machine.

BREAKER PLATES

4 independent breaker plates ensuring the high efficient control of gradation. Upper and lower breaker plates hydraulically adjustable and with the security system against blocking. Lower breaker plates with high capacity and grinding flexibility.

MACHINE BODY

Increased capacity with new crushing chamber design. Feeder system directing the raw material in a regular and homogenous way.

BEARINGS

Upper class heavy duty SKF bearings. Temperature sensors for bearings.

SECURITY

The security switches on maintenance gates ensuring work safety.

ROTOR

The quality of the dynamic rotor balance: G 6.3 according to ISO 1940/1 The flywheel and the pulley are connected to the shaft with clamping collars. Durable V-belt ensuring long-term use.

FLYWHEEL

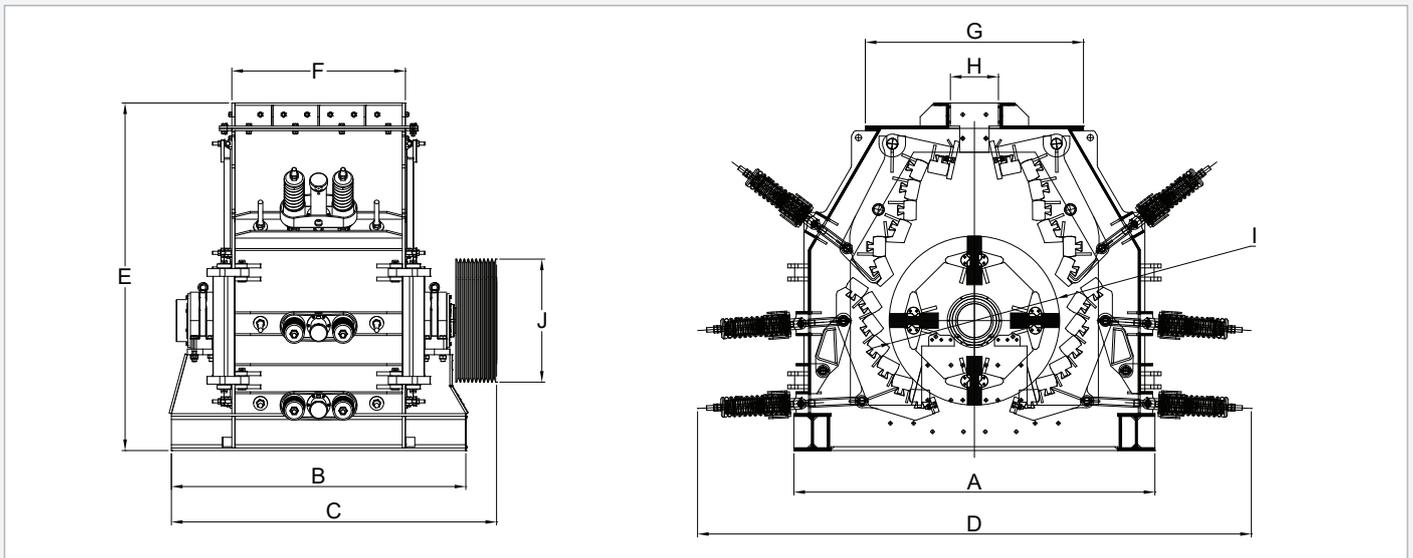
Durable V-belt ensuring long-term use.

WEAR PARTS

Enhanced solid wear parts and liners.

LUBRICATION

Automatic lubrication system with two lines.



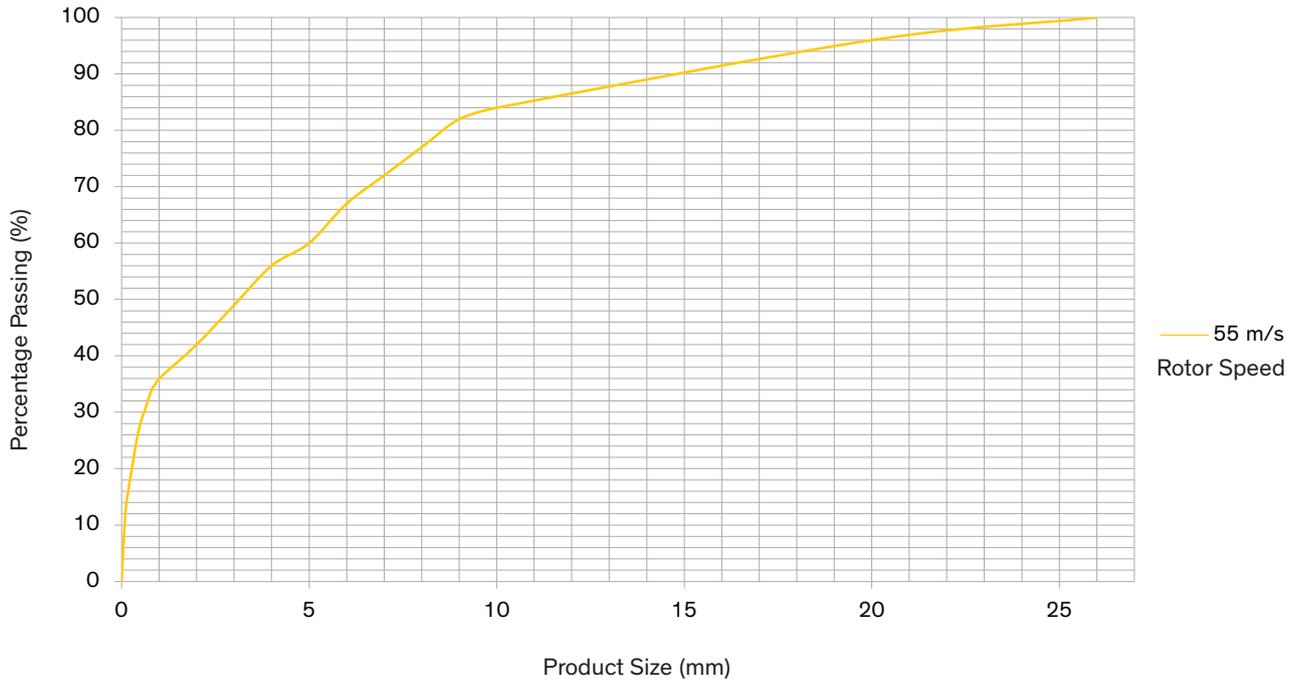
Models	A	B	C	D	E	F	G	H	I
MTI 1115	2330	2500	2685	3574	2320	1620	1408	310	1100
	91 3/4	98 3/8	105 3/4	140 3/4	91 3/8	63 3/4	55 3/8	12 1/4	43 1/4
MTI 1110	2330	1900	2099	3574	2260	1120	1408	310	1100
	91 3/4	74 3/4	82 5/8	140 3/4	89	44 1/8	55 3/8	12 1/4	43 1/4
MTI 1105	2330	1210	1381	3574	2220	620	1408	310	1100
	91 3/4	47 5/8	54 3/8	140 3/4	87 3/8	24 3/8	55 3/8	12 1/4	43 1/4

Capacities & Technical Specifications

Models	Feed opening	Maximum feed size (mm)	Power (kW/HP)	Maximum capacity (t/h)
MTI 1115	1520x310 mm	100mm	110/148	285
	59 7/8" x 12 1/4"	3 7/8"		
MTI 1110	1020x310 mm	100mm	250/335	225
	40 1/8" x 12 1/4"	3 7/8"		
MTI 1105	520x310 mm	100mm	315/423	100
	20 1/2" x 12 1/4"	3 7/8"		

Models	Body weight	Rotor weight	Rotor diameter	Rotor width
MTI 1115	22850 kg	4150 kg	1100 mm	1500 mm
	50377 lbs	9149 lbs	43 1/4"	59"
MTI 1110	18750 kg	3750 kg	1100 mm	1000 mm
	41336 lbs	8267 lbs	43 1/4"	39 3/8"
MTI 1105	13500kg	2150 kg	1100 mm	500 mm
	29762 lbs	4740 lbs	43 1/4"	19 5/8"

Production Curves



Contact Information

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