



50TJ

ADVANCED DATA SHEET

DETAILS

Model Name	50TJ
Model Title	16" x 28" Tracked compact jaw crusher
Category	Crushers
Type	Jaw
Brand	SMI Compact

Description	<p><p>The Model 50TJ is a track-mounted 16" x 28" jaw crusher fitted with a hydraulically driven variable speed vibratory grizzly feeder. This optimizes the crushing process by diverting the fines away from the crushing chamber and onto the output conveyor in order to reduce wear costs.&nbsp; The feeder bed is fitted with wear plates that are easily replaced during maintenance periods. Instant hydraulic adjustable jaws allow output product sizes ranging from 1" to 5". The wireless remote-control system means the operation of the crusher from the safety of an excavator or loader cab.</p><p>These compact crushers are very simple to use and incredibly cheap to operate. Purchasing the 50TJ for recycling demolition and construction waste is a cost-efficient method to reduce landfill costs through onsite recycling and reducing demolition rubble into a usable product. A cross-belt magnet is standard to this crusher for the added benefit of removing the steel found in your rubble and also for recycling "waste" steel into additional financial gain.&nbsp; Dust suppression is also included as a standard.</p><p>The 50TJ simply cannot be matched for its reliability, performance, and versatility by any similar product on the market. Simply drive the crusher into position, select the desired output size, start the crusher and conveyor system and begin crushing – operational in less than 5 minutes!</p></p>
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PROCESSED MATERIALS

- Concrete construction and demolition waste
- Rock
- Rubble

RECOMMENDED USE	
Best For	Crushing rocks, and construction & demolition waste
Good For	Medium-scale projects needing a mobile crusher for recycling
Not Built For	Crushing hard rocks or granite
Best Loader	Mid-Large excavator

KEY SPECIFICATIONS	
Operating Weight	26,100-26,675 lb
Size Out	1 "- 5 "
Ton per hour	Up to 50 tph

OTHER SPECIFICATIONS	
Engine Power	74 hp
Engine Type	Tier IV Final Kubota® diesel engine
Size In	20 "
Fuel Consumption	2.2 gal/h
Jaw Size	28 " X 16 "
Mobility	Mobile
Power Source	Diesel Hydraulic
Working Size (L x W x H)	23'10" X 7'3" X 9'2"
Feed Height	8'6"

FEATURES

- Grizzly feeder with removable cover plate
- Cross-belt magnet comes standard
- Wireless remote control system for all functions. Tethered cable also included
- Recommended loader bucket 24"-36"
- 20" main conveyor belt
- 54 gallon diesel fuel tank; 71 gallon hydraulic tank
- Hydraulically folding main conveyor
- Hydraulically adjustable jaws
- Dust suppression
- Vibratory grizzly feeder
- One-button control – a single button turns on everything