J1065T

ADVANCED DATA SHEET

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DATA SHEET

J1065T

DETAILS

Model Name	J1065T
Model Title	40" × 26" Tracked Mobile Jaw Crusher
Category	Crushers
Type	Jaw
Brand	Omega
Description	The Omega J1065T is a cost-effective, high-output, all-electric drive jaw crusher. It is designed for quarry, mining & recycling applications and it is perfect as a primary jaw crusher in a plant set-up. The Omega J1065T is a dual-powered diesel/electric crusher with DEUTZ power pack capable of crushing hard rock and aggregate at only 3 gal/hr. This high-performance, Irish-built crushing plant comes with a simple toggle tensioning system, an overband magnet to remove metal and tracks making it mobile. Perfect for crushing virgin rock, concrete, stone, and construction & demolition waste at up to 220 tph, this machine can be used by itself or as a primary crusher in a plant set-up alongside a screener.

PROCESSED MATERIALS

- Asphalt
- Brick
- Cement
- Concrete
- Demolition Waste
- Gravel
- Rock
- Stone
- Virgin Stone

RECOMMENDED USE

Best For	Crushing large quantities of aggregate and hard rock feeding into a screener or another crusher
Good For	Crushing concrete, soft natural stone, and asphalt.
Not Built For	Non-sized very large or very hard materials. Slag (by-product of smelting ores and recycled metals)
Best Loader	Large excavator

KEY SPECIFICATIONS

Operating Weight	Up to 69,450 lb
Size Out	2"- 6"
Ton per hour	75 - 220 tph

OTHER SPECIFICATIONS	
Engine Power	348 hp
Engine Type	DEUTZ TCD 7.8 L6
Size In	21"
Fuel Consumption	2.6 gal/h
Jaw Size	40" X 26"
Mobility	Mobile
Power Source	Diesel Electric
Stockpile Height	12'
Transport Size (L x W x H)	46'7" X 8'4" X 10'6"
Working Size (L x W x H)	46'7" X 8'4" X 11'7"
Feed Height	11'7"

FEATURES

- Hardox lined hopper
- Dual power drive (all electric or hybrid diesel/electric)
- Fully electric plant with zero emissions
- Modular design for ease of set up
- Efficient electric drive gives a high output
- Jaw crusher runs in both directions for unclogging machine
- Variable speed drive (VSD) enables startup on full power
- Overband magnet to remove metal and side conveyor are standard
- Rulmeca head and tail drums
- Made in Ireland
- WEG electric motors

FAQ

What makes the J1065T fuel-efficient?	The J1065T hybrid design, that will significantly enhances fuel efficiency while delivering exceptional performance
Is the J1065T suitable for indoor and urban use?	Yes, it is noise and emission compliant, suitable for city environments and indoor applications. Additionally, it is designed to prevent oil leaks, ensuring no contamination
Is the J1065T equipped with an Anti-blockage system?	The J1065T is equipped with an anti-blockage system to maintain consistent operation and prevent disruptions during use
What is the hopper capacity?	The hopper has a capacity of 3.8 m^3, allowing for efficient material handling
What applications is the J1065T designed best for?	It is best for versatile use in quarry, mining, and recycling operations
How does the J1065T performance compare to similar models?	The J1065T delivers 25-30% additional performance compared to similar models, ensuring greater efficiency and output
What are the dual power options for the J1065T?	TheJ1065T can be powered by a DEUTZ diesel motor or an external electric source via a DEUTZ power pack
How does the Omega J1065T compare to competitors in stone production at the smallest CSS?"	The Omega J1065T will produce roughly 2x the amount of 3/4" stone than its competitors when both machines are at there smallest CSS
What powers the main components of the machine?	The jaw, conveyor, feeder and magnet are electric; the tracks are hydraulic
Does the Deutz engine have reliable service and support coverage in the US?	Yes, Deutz has a very good coverage across the US
Does the Deutz engine have reliable telematics support?	Yes, Deutz have engine diagnostics, maintenance, performance data, operation...
What makes the Omega J1065T's electric design important?	The Omega J1065T's electric design ensures fuel efficiency, consistent performance with no heat-related degradation, and urban-friendly operation