



Omega J1065T

Jaw Crusher **Advanced Data Sheet**

Details

Manufacturer	Omega
Model	J1065T
Category	Jaw Crushers

Overview

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

Specifications

Size In	21"
Transport Size (L x W x H)	46'7" X 8'4" X 10'6"
Fuel Consumption	2.6 gal/h
Engine Power	348 hp
Jaw Size	40" X 26"
Ton per hour	75 - 220 tph
Feed Height	11'7"
Stockpile Height	12'
Power Source	Diesel Electric
Operating Weight	Up to 69,450 lb
Size Out	2" - 6"
Mobility	Mobile
Engine Type	DEUTZ TCD 7.8 L6
Working Size (L x W x H)	46'7" X 8'4" X 11'7"

Features

- ✓ Hardox lined hopper
- ✓ Fully electric plant with zero emissions
- ✓ Dual power drive (all electric or hybrid diesel/electric)
- ✓ Modular design for ease of set up

-
- ✓ Efficient electric drive gives a high output
 - ✓ Variable speed drive (VSD) enables startup on full power
 - ✓ Rulmeca head and tail drums
 - ✓ WEG electric motors
 - ✓ Jaw crusher runs in both directions for unclogging machine
 - ✓ Overband magnet to remove metal and side conveyor are standard
 - ✓ Made in Ireland

Frequently Asked Questions

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 m³, 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?

The J1065T 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

Why buy from Machinery Partner?

Trusted Expert Guidance

Backed by years of industry experience and trusted by leading contractors, our specialists guide you to the right equipment globally. Avoid costly mistakes and source with confidence.

[Talk to an Expert](#)

Financing That Fits Your Business

Get your projects moving faster. We work with you and our network of lenders to provide clear, competitive financing options tailored to your business needs.

[Explore Financing](#)

Support & Reliability

From inspections and logistics to accessing skilled technicians, we provide comprehensive support to ensure your equipment performs reliably, minimizing costly downtime.

[Discover Our Support Services](#)

Nationwide Delivery & Training

No matter where your project is located, we handle the logistics from start to finish. Our team coordinates fast, secure delivery and on-site training to get your equipment running quickly and safely.

[Learn More](#)

Gallery

