

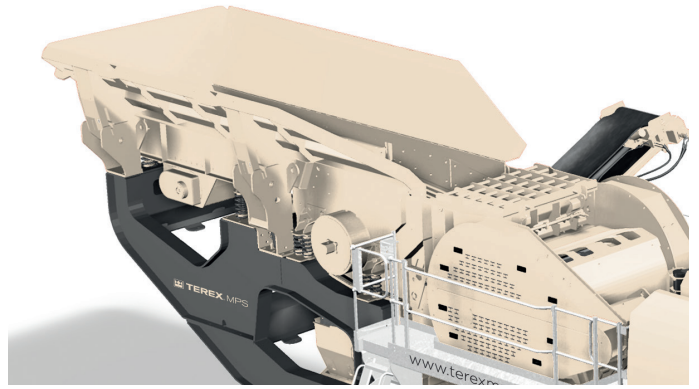
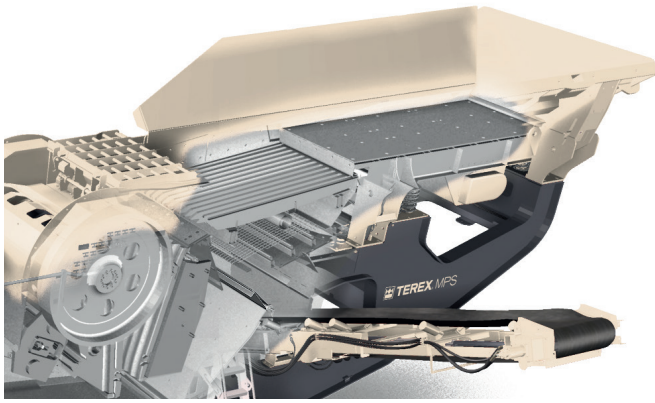


LJ5532

Jaw Crusher

Product Specification





Hopper and Feeder

Specification

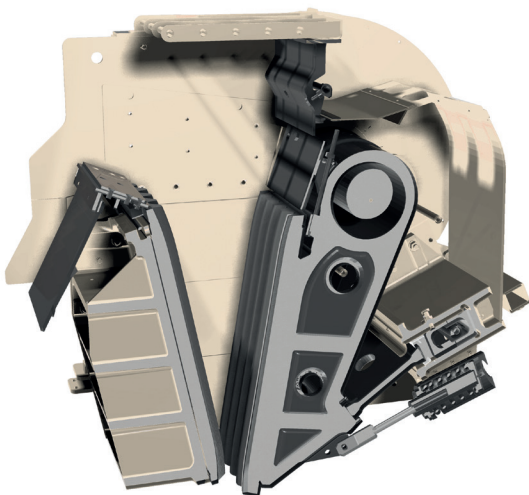
Inlet Opening	1415mm x 820mm (55" x 32")
Net Engine Power:	Tier 3 / Stage IIIA: Caterpillar C13 328kW (440hp) Tier 4F / Stage IV: Scania DC13 331kW (450hp)
Portability:	Tracked
Operating Weight:	75,200kg (165,787lbs)* *Without by-pass conveyor & twin pole magnet options 78,200kg (172,401lbs)* *With by-pass conveyor & twin pole magnet options

Hopper / Feeder

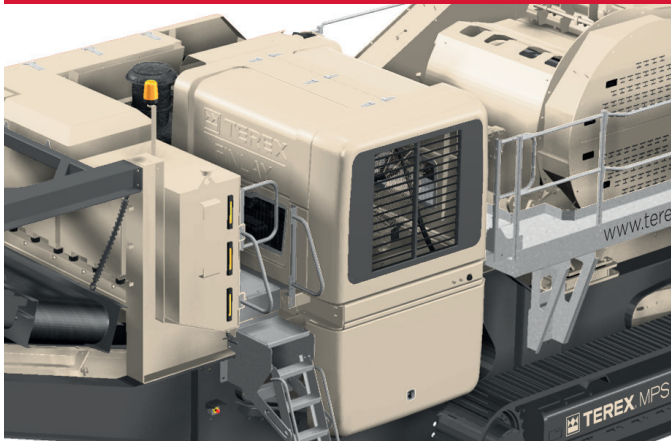
Hopper capacity: 10m ³ (13yd ³)
Feed height: 4.67m (15' 5")
Material: 15mm wear resistant steel
Width at rear with standard flares: 2.86m (9' 5")
Width at rear with standard flares and extensions: 3.76m (12' 5")
Locking mechanism: hydraulic
Independent Hydraulic Prescreen as standard
Prescreen grizzly aperture: 75mm (Options 100mm / 125mm)
Prescreen wire mesh aperture: 38mm (Other options available upon request)
Feeder speed range: variable, 450-900 rpm
Prescreen dims: 2.3m long x 1.36m wide (7' 6" x 4' 6")
Hopper extensions (Optional): 12m ³ (15.6yd ³)

Jaw Chamber

Terex JW55 chamber single toggle jaw crusher
Inlet width: 1415mm (55")
Inlet gape: 820mm (32")
Under jaw clearance: 380mm nominal
Drive arrangement: Hydrostatic
Maximum Closed Side Settings (CSS): 225mm (9")
Minimum Closed Side Settings (CSS): 75mm (3") Demolition and Recycle applications. 85mm (3 1/4") Quarry applications
Reverse action for clearing blockages
Full hydraulic closed side setting adjust
Standard Liner Profile: S-Tooth (18% Manganese)



Jaw Chamber



Powerpack

Powerpack

Tier 3 / stage 111A Caterpillar C13

Engine Power: 328kW

Engine Speed: 1800 rpm

Tier 4F / Stage IV: Scania DC13

Engine Power: 331kW (450hp)

Engine Speed: 1800 rpm

Tank Capacities

Hydraulic Tank: 900 litres / 198 UK gal / 237 US gal

Fuel Tank: 1000 litres / 220 UK gal / 263 US gal

By-Pass Conveyor (Optional)

Belt Width: 750mm (30")

Belt Spec: Plain

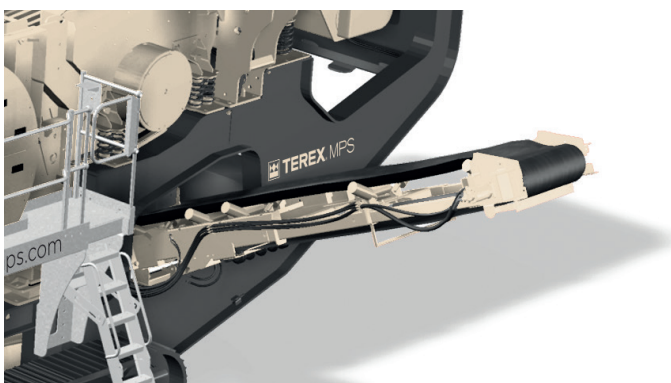
Working Angle: 30°

Speed: 100 m/min nominal

Hydraulically folds for transport

Discharge Height: 3.6m (11' 10")

Stockpile capacity: 69.4m³ (90.8yds³) @ 40°



By-Pass Conveyor (Optional)



Magnetic Separator (Optional)

Magnetic Separator (Optional)

Belt Width: 750mm (30")

Belt Spec: Cleated

Belt Speed: Variable

Drive: Hydraulic

Undercarriage

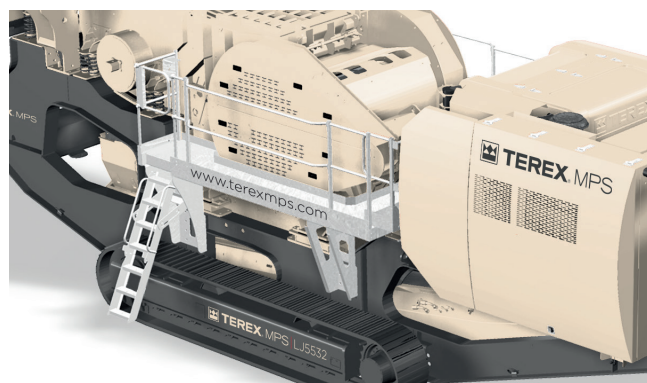
Shoe Width: 500mm (20")

Sprocket Centres: 4.2m (13' 9")

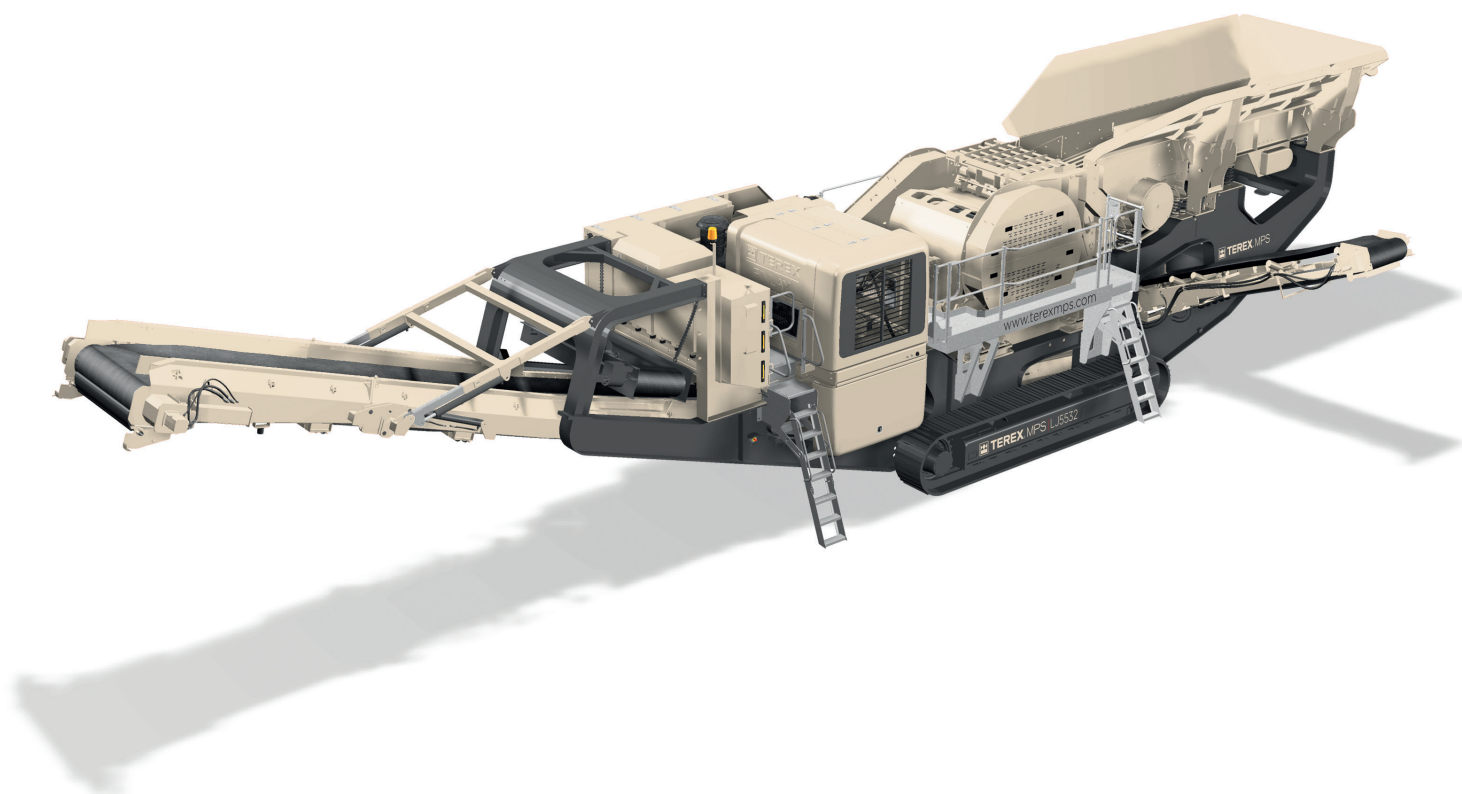
Dual speed tracking with 'soft start'

Speed: 1.0 km/h (maximum speed)

Gradeability: 25°



Undercarriage



Tool Box

Mounted lockable toolbox

Tool Kit and flogging spanners

Grease gun

Manuals

Chutes

Heavy duty inlet chute with bolt-up construction, and liner plates

By-pass chute with selectable discharge flop gate, to either by-pass conveyor or main conveyor

Platforms

Galvanised catwalks and ladders for full maintenance and service access

Catwalk access on both sides of the machine with access to both sides of the powerunit and to the rear of the machine

Compact folding for transport

Remote Control Unit (Optional)

Full function radio remote unit

Machine can be switched from crushing mode into track mode, moved and switched back to operating mode from remote control unit

Feeder stop / start

Control System

Advanced CANBUS compliant system Large display screen (IP67 Rated). Five simple operating modes with menu driven graphic user interface:

- Track mode: For moving machine
- Manual mode: For manually starting machine
- Automatic mode: For automatically starting the machine in predetermined sequence
- Configuration mode: For testing/setting individual components
- Language selection: For setting languages

Choice of preset parameters to suit crushing applications

- Hard Rock
- Soft Rock
- Demolition and Recycle

User friendly incremental selection of feeder and crusher speed enable the operator to achieve the optimal throughput

Detachable doglead control for tracking

Radio remote control (option)

Integrated machine and engine control panel

Lockable compartment

Auto regulating feeder selectable for improved throughput control.

Emergency stops: 6 off

Standard Features

Engine

Tier 3 / Stage IIIA: Caterpillar C13 328kW (440hp)

Tier 4F / Stage IV: Scania DC13 331kW (450hp)

Jaw Chamber

Terex 1415mm x 820mm (55" x 32") single toggle jaw crusher

Hydrostatic drive and advanced electronic control system

Fully hydraulically adjustable closed side setting

Reversible operation for clearing blockages

S tooth liners - 18% Manganese as Standard

Hopper/Feeder

Hopper capacity: 10m³ (13yd³)

Heavy duty vibrating Pan & independent Pre-screen (75mm Standard spacing)

Mesh aperture on grizzly feeder: 38mm

Selectable discharge to by-pass conveyor or main conveyor

Main Conveyor

Belt Width: 1.4m (55") fitted with impact bars at feed point

High spec scraper at head drum

Piped for dust suppression complete with spray bars

General

Piped for overband magnet

Separate central operator's panel

Galvanised catwalk c/w handrail, kick board and access ladders

Heavy duty undercarriage unit with 500mm wide pads

Handheld track control set with connection lead

Two speed tracks with 'soft start'

Safety Guards in compliance with machinery directive

Emergency stops

Stockpile Sensor (main conveyor)

Electric refuelling pump

Standard oils

(Recommended for ambient temperatures between -5 to +30°C)

Optional Equipment

Radio remote System: Operational controls of machine (auto start/stop) & track movement

Bypass conveyor with 750mm wide plain belt

Twinpole over band twinpole magnet (c/w stainless steel skirting & stainless steel discharge chute on Right Hand Side)

Hopper with Extensions - 12m³ (15.6yd³)

Belt weigher

Special paint colour – RAL must be specified on order.

Optional spacing on prescreen, 100mm/125mm (please specify)

Cold climate lubrication kit (recommended for ambient temperatures between -20°C to + 30°C)

Hot climate lubrication kit (recommended for ambient temperatures between +15°C to +50°C)

Hot climate cooler pack c/w hot climate lubrication kit (Recommended for ambient temperatures >35°C)

Hydraulically driven water pump

Main Conveyor Dust Cover

Control Panel positive air pressurisation

Main Conveyor

- Belt Width: 1.4m (55")
- Belt Spec: Plain
- Working Angle: 21°
- Discharge Height: 4.5m (14' 9")
- Hydraulic raise/lower of main conveyor and head section for service access
- Impact bars and wear resistant liners at feed point
- High spec scraper at head drum
- Dust suppression: fitted with hose and spraybars as standard (no pump supplied)
- Standard Stockpile capacity: 135.5m3 (177.2yds3) @ 40°

Magnetic Separator (optional)

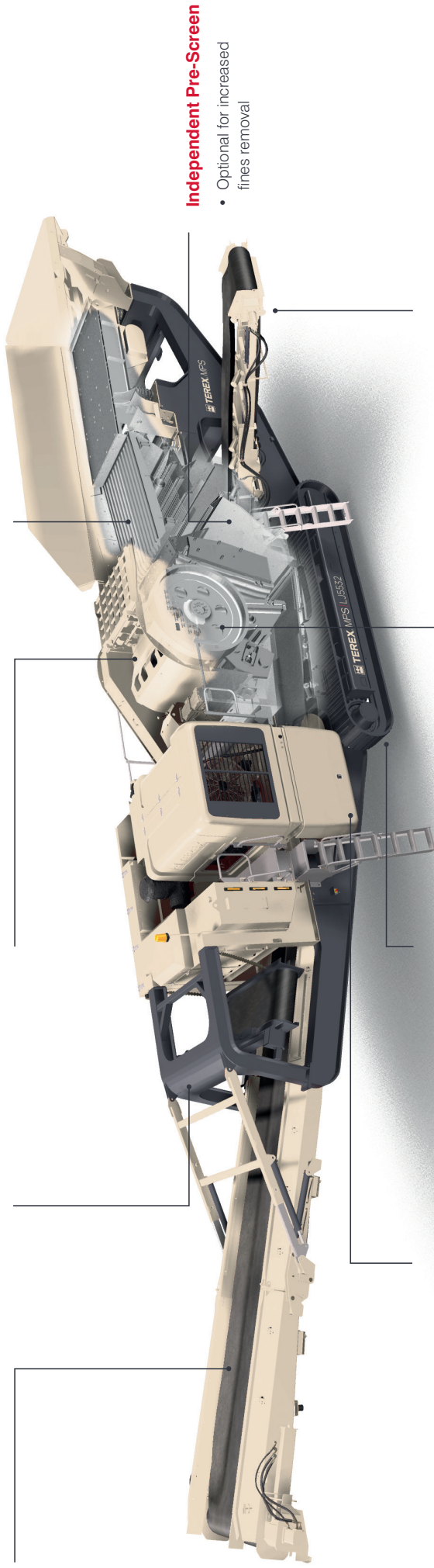
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- Belt Spec: Cleated
- Belt Speed: Variable
- Drive: Hydraulic

Jaw Chamber

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- Demolition and Recycle applications
- Reverse action for clearing blockages
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- Standard Liner Profile: S-Tooth (18% Manganese)

Hopper and Feeder

- Hopper capacity: 10m³ (13yd³)
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- Hopper extensions (Optional): 12m³ (15.6yd³)



Independent Pre-Screen

- Optional for increased fines removal

Powerpack

- Tier 3 / Stage IIIA: Caterpillar C13
Engine Power: 328kW (440hp)
Engine Speed: 1800 rpm
- Tier 4F / Stage IV: Scania DC13
Engine Power: 331kW (450hp)
Engine Speed: 1800 rpm

Undercarriage

- Shoe Width: 500mm (20")
- Sprocket Centres: 4.2m (13' 9")
- Dual speed tracking with 'soft start'
- Speed: 1.0 km/h (maximum speed)
- Gradeability: 25°

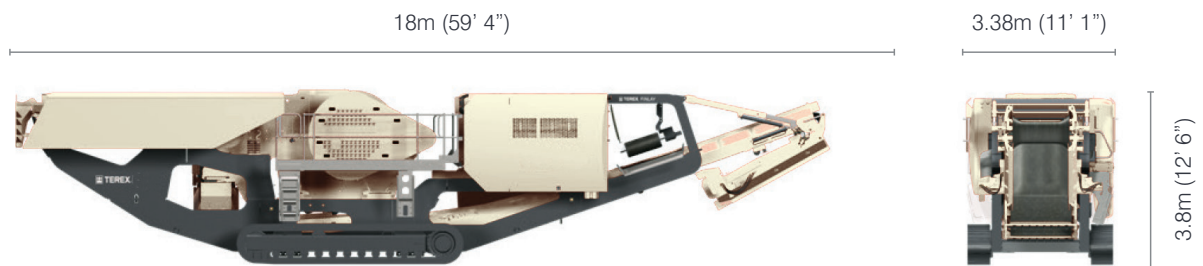
Platforms

- Galvanised catwalks and ladders for full maintenance and service access
- Catwalk access on both sides of the machine with access to both sides of the powerunit and to the rear of the machine
- Compact folding for transport

By-pass conveyor (optional)

- Belt Width: 750mm (30")
- Belt Spec: Plain
- Working Angle: 30°
- Speed: 100 m/min nominal
- Hydraulically folds for transport
- Discharge Height: 3.6m (11' 10")
- Stockpile capacity: 69.4m3 (90.8yds3) @ 40°

Transport Dimensions



Working Dimensions



Machine Weight

75,200kg (165,787lbs)
(without by-pass conveyor and twin pole magnet options)

78,200kg (172,401lbs)
(with by-pass conveyor and twin pole magnet options)

For further information on specific machine weight configurations please consult Terex MPS

www.terexmps.com

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