

# B5

The B5 is a compact heavy duty quarry and mining jaw crusher with a high throughput at minimal wear.

## METRIC



Drop off engine/gen set compartment

Hydraulic sliding frame for service access under the feeding and scalping unit

28  
t/h

Diesel-hydraulic

22  
t/h

Diesel-electric

88  
kWh

Electric plug-in  
mains

### Applications

Quarrying and mining  
Granite, Basalt and hard stone  
Primary crushing  
Gravel  
Coal  
Slag  
Concrete and landfill recycling  
Construction waste  
And others

Accessible walkways, doors and panels on all sides of the machines for maintenance and repair

- Hydraulic folding hopper of HB 450 steel
- Superior level of surface treatment
- The long independent 2-deck pre-screen ensures higher crushing capacity, better product shape and less wear.

**Keestrack**

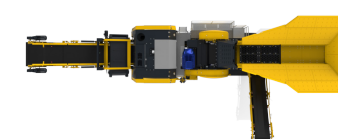
TECHNICAL SPECIFICATIONS	
Capacity up to	400 t
Weight	44,2 t
Feed opening	1110 x 750 mm
Feed size up to	600 mm
Hopper	
Feed hopper in HB450 with welded HB450 wear liner	5 m³
Hydraulic folding hopper for transport	•
Loading height	4025 mm
Loading width (back)	2965 mm
Side loading length	4950 mm
Wear lining	HB 450 welded
Vibrating feeder with scalper, length x width	/
Pre-screen scalper, length x width, top deck	/
Pre-screen, length x width, bottom deck	/
Screened fraction either in crusher bypass or separately stockpiled (option)	/
Intermediate fraction either in crusher bypass or separately stockpiled (option)	/
Vibrating feeder, length x width	2300 x 1000 mm
Independent vibrating Double Deck pre-screen	•
Double deck pre-screen, length x width top deck	2300 x 1000 mm
Double deck pre-screen, length x width bottom deck	1750 x 1000 mm
Fine fraction either in crusher bypass or separately stockpiled by optional conveyor	•
Intermediate fraction in crusher bypass	•
Intermediate fraction either in crusher bypass or separately stockpiled by optional conveyor	•
Jaw Crusher	
Weight of jaw crusher	19,9 t
Feed opening	1110 x 750 mm
Feed size up to:	600 mm
Closed Side Setting C.S.S. min. - max. (outlet adjustment)	45 - 180
Non Stop System, hydraulic gap adjustment and safety release system	/
Stroke swing jaw	29 mm
Plate height fixed jaw - mobile jaw	1325 - 1850 mm
Hydraulic slidable feeding unit to obtain good and easy maintenance access	•
Standard walkway besides crusher house	right side
Main conveyor belt (L x w) & (discharge height)	11400 x 1000 mm (3650 mm)
Main conveyor hydraulic foldable for transport	•
Track-unit: Length, total width, track shoe width	3805, 2500, 400 mm
2-speed track drive	1,1 km/h and 2 km/h
Engine unit	202 kW @ 1500 RPM to 260 kW @ 1800 RPM
Control	PLC – IP 67 LCD screen 4,3" & remote control
Smart sequential auto start/stop from remote control	•
Available drive systems	
Diesel/hydraulic drive	•
e-drive Diesel/hybrid, electric plug-in & plug-out	•
ZERO drive (no combustion engine, plug-in electric)	•

## OPTIONS

<b>Feeding , pre-screen &amp; crushing</b>		
Hopper extensions		•
Heavy duty welded HB450 wear liner 10 mm		•
Screen media pre-screen	Range of punched plates for top deck and square mesh for bottom deck	
Stockpiling Side belt conveyor from pre-screen l x w (discharge height)		5000 x 800 mm (2955 mm)
<b>Other options</b>		
Dust suppression system at crusher outlet and at main conveyor		•
Deflector at crusher outlet		•
Wear resistant rubber discharge chute		•
Magnet separator on main conveyor		•
Impact and rip resistant KT Flex Belt on main conveyor		•
Extra Long Main conveyor belt (l x w) & discharge height		/
Main conveyor lifting/lowering system		•
Volumetric belt scale		•
Radio remote		•
Fuel filling pump		•
Central greasing system		•
Working lights		•
Telematics system UMTS/GPS		•
Heating system for engine		•

<b>TRANSPORT</b>	
Transport l x w x h (mm)	14055 x 3400 x 2725 mm

LEGENDA	
	• applicable - available
/	not applicable- not available

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Hydraulic sliding frame for service access under the feeding and scalping unit

7,3  
US Gal/h

Diesel-hydraulic

5,8  
US Gal/h

Diesel-electric

88  
kWh

Electric plug-in  
mains

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