



JAW CRUSHER

Type	72 JCR w/Hyd. Management
Feed Opening	1100mm x 750mm
CSS	min-max 45-180mm with wedges & hydraulic cylinders
Stroke Swing Jaw	29mm hard stone; 32mm recycling
Jaw plates	Toothed 18Mn 2Cr Standard
Plate Height	Toothed Static Jaw 1325mm Toothed Swing Jaw 1850mm
Prod. Output	up to 400tph (DEPENDENT ON MATERIAL/CONDITIONS)
Feed Size	0-600mm
Weight	19,900kgs
Flywheel dia.	1440mm with grooves 1335kgs

FEEDING

Hopper	10m ³ (Hopper Extension)
Hopperwall	Wear resistant steel HB450
Feeding Height	Rear 4070mm; Side 4365mm
Feeding Width	3700mm
Feeding Length	2300mm
Hydraulic folding for transport	

Feeder

	Vibrating Feeder
Length x Width	2300mm x 1000mm
Drive	Hydraulic motor 11kW 600-1100 RPM variable speed

DOUBLE DECK SCALPER

Length x width	2300mm x 1000mm
Drive	Speed adjustable 11kw hyd motor
Material flow	Fine fraction either in crusher Bypass or separately stockpiled

MAIN BELT CONVEYOR

Length AD x Width	11400mm x 1000mm
Discharge Height	3800mm
Stockpile Vol.	170 ton approx. ($\gamma=1,7$; 37° angle of repose)
Belt Speed	1.56m/s
Inclination	8-23°
Drive	Hyd. Motor 15kW
Transport	Hydraulically foldable

POWER UNIT

Drive	Diesel/Hydraulic
Type	Volvo TAD 754 GE Fixed Speed
Power ISO 14396	260kW/1800rpm
Max Torque	1596 Nm @ 1500rpm
Bore Hole/Stroke	108mm x 130mm
Voltage	24 Volt
Cooling	Combi (water/air with fan)
Fuel/Oil Tank	370 Litres / 75 Litres

OVERBAND MAGNET (10 KT FE 65-183)

Belt W x L	700mm/ 1830mm
Magnet L x W	1070mm x 600mm
Magnetic Power	650 GAUSS at 200mm

DUST SUPPRESSION SYSTEM (CAS 91)

	Two points, no water pump
Spraying Areas	Crusher outlet & middle (optional end) of main conveyor

DIMENSIONS

	<i>Transport</i>	<i>Working</i>
Length	14055mm	15640mm
Width	2990mm	6025mm
Height	3400mm	4025mm
Weight (approx.)	48,500kg	