



Howotruck (Phils) Corporation

SHANTUI GRADER SG14 12 FT

Vehicle Specifications	DESCRIPTION
Operating weight	13400Kg
Dimension (L xW x H)With ripping device	9310x3660x3170mm
ENGINE	
Model & type	Weichai WP6G140E22
Gross power	120KW
Cylinder Number Bore X Stroke	6—105*130mm
Piston Displacement	6.75L
Max. Traction	65kN
Max. Torque	560N.m @ 1400rpm
POWER TRAIN	
Torque converter	Single-stage,single-phase,three basic elements
Transmission	Fixed-axis type, electro-hydraulic control
Rear axle	"No-Spin" anti-skid differential
Tandem drive	Roller chain. Oscillating angle:±15°
Tire	13-24PR12
MOLDBOARD	
Type	Hydraulic power, replaceable cutting edges, hardened cutting edges and end bits
Blade width	3660mm 12 Feet
Blade height	615mm
Blade thickness	20mm
Blade tip angle	27~73°
Max. cutting depth	500mm
Max. lifting height	460mm
Max. shoulder reach (left/right)	1700/2000mm
Max. tilting angle (left/right)	±90°
HYDRAULICS	
Tandem pump	Gear pump.28ml/r
Overflow pressure for working	18MPa
CAPACITIES	
Fuel tank	240L
Hydraulic oil tank	85L
Engine crank case	15L
Engine coolant	26L
RIPPER	
Ripping depth	254mm
Shank holders	5/9
Shank holder spacing	400/200mm
Working width	1865mm
PHOTO FOR YOUR REFERENCE ONLY	

