

HYUNDAI



HX305VL

Classic Reproduction, Return of the King

Rated Power 204kW/1,800rpm Operating Weight 30,900kg Bucket Capacity 1.65m³

SPECIFICATIONS

ENGINE	
Model	HYUNDAI DL08
No. of Cylinders	6 Cylinders
Rated Power	204kW/1,800rpm
Max. torque	120kg.m/1,300rpm
Bore x stroke	108mm×139mm
Piston Displacement	7.64L
HYDRAULIC SYSTEM	
MAIN PUMP	
Model	Variable Displacement Piston Pump
Max. Flow	2×288L/min
SAFETY VALVE SETTING VALUE	
Hydraulic Circuit of Working Device	350kg/cm ² (34.3Mpa)
Traveling Hydraulic Circuit	350kg/cm ² (34.3Mpa)
Swing Hydraulic Circuit	300kg/cm ² (29.4Mpa)
SWING SYSTEM	
Swing Speed	10.9rpm
TRAVELING SECTION	
Travel Speed (High/Low)	6.1/3.4km/hr
MAX. DIGGING FORCE(ISO)	
Bucket Digging Force	16.9ton
Bucket Digging Force[Boost]	17.9ton
Arm Digging Force	12.8ton

CYLINDER	
Boom Cylinder	140×95×1,450mm
Arm Cylinder	150×105×1,670mm
Bucket Cylinder	135×90×1,150mm
FUEL TANK CAPACITY	
Fuel Tank	500L
Hydraulic Tank	280L
ANTIFREEZE/LUBRICANT CAPACITY (REPLACEMENT)	
Radiator	35L
Engine	42L
Walking Deceleration Gear Oil	2×7L
Swing Reducer	6L
UNDERCARRIAGE	
Central Framework	X-shaped
Carrier Rollers	2 EA(Each Side)
Track Rollers	9 EA(Each Side)
No. of Track Shoes	48 EA(Each Side)
Track shoe Width	600mm
OPERATING WEIGHT	
Operating Weight	30,900kg
Ground Pressure	0.58kg/cm ²

DIMENSIONS & WORKING RANGE

WORKING RANGE

Boom: 6245mm/Arm: 3100mm/Bucket: 1.65m³		
A	Max. Digging Reach	10,748mm
B	Max. Digging Reach on Ground	10,553mm
C	Max. Digging Depth	7,320mm
D	Max. Loading Height	7,258mm
E	Min. Loading Height	2,732mm
F	Max. Digging Height	10,243mm
G	Max. Height of Bucket Pin Shaft	8,885mm
H	Max. Vertical Digging Depth	4,414mm
I	Max. Vertical Radius	8,567mm
J	Max. Digging Depth on 8-foot Flat Ground	7,152mm
K	Min. Digging Radius on 8-foot Flat Ground	3,084mm
L	Min. Digging Reach	360mm
M	Min. Swing Radius	4,019mm
d	Bucket Extension Angle	175°

DIMENSIONS

N	Tail Swing Radius	3,188mm
O	Transport Height (boom)	3,515mm
P	Transport Height (hose)	3,697mm
Q	Transport Length	10,615mm
S	Ground Clearance of Counterweight	1,150mm
T	Overall Height of Cab	3,031mm
U	Turntable Width	2,960mm
V	Cabin Height (above turntable)	818mm
W	Cabin Width	1,007mm
X	Center Distance Between Guide Wheel and Drive Wheel	4,039mm
Y	Track Length	4,940mm
Z	Chassis Width (standard)	3,199mm
a	Track Width	600mm
b	Track Height	1,033mm
c	Min.Ground Clearance	506mm

