

# XE140C

## HYDRAULIC EXCAVATOR



<b>ENGINE POWER</b>	- 98.9 hp
<b>ENGINE MAKE</b>	- Isuzu
<b>OPERATING WEIGHT</b>	- 13000 kg
<b>BUCKET CAPACITY</b>	- 0.65 - 0.72 m <sup>3</sup>

## ENGINE

Model	ISUZU BB-4BG1TRP
Type	4 Cyl. Turbocharged
Rated Power	98.9 hp @ 2200 rpm
Max Torque	34.4 kgf.m @ 1300 rpm
Batteries	2 x 12V
Displacement	4.3 L

## HYDRAULIC SYSTEM

Main Pump	2 Variable Displacement Axial Piston Pumps
Max Flow	2 x 123 LPM
Pilot Pump	1 Gear Pump
Implement Circuit	31.4/34.3 MPa
Swing Circuit	25 MPa
Travel Circuit	34.3 MPa
Pilot Circuit	3.9 MPa

## UNDERCARRIAGE

Track Shoes	45
Upper Rollers	1
Lower Rollers	7
Track Guards	1
Shoe Width	500 mm

## ATTACHMENTS

Std Boom	4.6 m
Std Arm	2.1 m
Std Bucket	0.72 m <sup>3</sup> GP (0.65 m <sup>3</sup> HD)

## PERFORMANCE

Travel Speed (High/Low)	5.16/3.03 km/hr
Swing Speed	12 rpm
Gradeability	≤35°
Max. Drawbar Pull	134 kN
Bucket Digging Force	99 kN
Arm Crowd Force	74 kN

## SERVICE REFILL CAPACITIES

Fuel Tank	250 L
Engine Coolant	16 L
Engine Oil	14 L
Swing Device	2.4 L
Travel Device	2 x 2.1 L
Hydraulic System (Tank)	192 L (130 L)

## WORKING RANGE

(unit: mm)		ARM: 2100
L1	Max. Digging Height	8440
L2	Max. Dumping Height	6011
L3	Max. Digging Depth	5126
L4	Max Digging Depth (8ft Level)	4897
L5	Vertical Digging Depth	4609
L6	Max. Digging Radius	7933
L7	Min. Swing Radius	2335

## DIMENSION

(unit : mm)		ARM: 2100
A	Overall Length	7770
B	Overall Width	2512
C	Overall Height	2880
D	Width of Platform	2512
E	Crawler Length	3660
F	Undercarriage Width	2490
G	Track Shoe Width	500
H	Tumbler Distance	2910
I	Track Gauge	1990
J	Ground Clearance of Counterweight	964
K	Min. Ground Clearance	478
L	Tail Swing Radius	2294
M	Track Height	832

