

EXCALIBUR

X180 HYDRAULIC CRAWLER EXCAVATOR

Lorem ipsum dolor sit amet,
consectetur adipiscing elit,
sed diam nonummy nibh.



(00) 0000 0000
MELBOURNE | AUSTRALIA

For detailed photos and technical drawings visit:
EXCALIBUR.COM

X180 HYDRAULIC CRAWLER EXCAVATOR

TECHNICAL SPECIFICATIONS



ENGINE

ICON

Model	Kubota/D902
Type	No.3 cylinders Direct injection
No. of cylinder	351
Bore and stroke	72mm×73.6mm
Displacement	0.898L
Power output	11.8kW/2300rpm

TRAVEL SYSTEM

ICON

Travel motors / Model	Eddie /FTM01A
Track roller qty	3X2
Carrier roller qty	No
Track shoes	37X2
Travel speed	2.2/4.3 km/h
Drawbar pulling force	18kN
Grade ability	58%
Ground clearance	145

HYDRAULIC SYSTEM

ICON

Main Valve	Hengli/HVSE-09
Pump	Hengli/HP5VS28
Type	Variable plunger pump
Max. discharge flow	64.4L/min

SWING SYSTEM

ICON

Swing motor	Danfoss/Eaton
Swing motor type	SW2.5K
Swing speed	0-9.5r/min

DIGGING FORCE (ISO6015) (KN)

ICON

Boom length	1828mm
Arm length	950mm
Bucket digging force	16kN
Arm digging force	9.5kN

REFILLING CAPACITIES AND LUBRICATIONS

ICON

Fuel tank	19L
Cooling system	5L
Engine oil	3.7L
Hydraulic oil tank	13.7L
System Capacity	21.5L

BUCKET

ICON

Type	Standard
Bucket capacity	0.04m ³
Bucket width	450mm

OPERATING WEIGHT AND GROUND PRESSURE

ICON

Shoe width	230mm
Ground pressure	29kPa
Operating weight	1880kg

SCOPE OF WORK (MM)

ICON

A	Max. digging height	3570
B	Max. dumping height	2480
C	Max. digging depth	2270
D	Max. vertical digging depth	1910
E	Max digging radius	3910
F	Max. digging radius at ground level	3840
G	Min turning radius of working device	1440
H	Blade Max. lifting height	280
I	Blade Max. depth of cutting	190

SIZE DIMENSIONS (MM)

Arm Length 950mm

ICON

A	Overall length	3575
B	Ground contact length (Transportation)	2440
C	Overall height (to top of boom)	1105
D	Overall width	990/1300
E	Overall height (to top of cab)	2405
F	Counter weight ground clearance	460
G	Ground clearance	145
H	Tail swing radius	650
I	Crawler wheel base	1230
J	Track length	1593
K	Track gauge	760/1070
L	Track width	990/1300
Q	Bucket width	485

DISCLAIMER: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

For detailed photos and technical drawings visit:

EXCALIBUR.COM