

EXCALIBUR

X180 HYDRAULIC CRAWLER EXCAVATOR



Featuring heavy-duty steel construction and high-flow hydraulics, the stick tackles demanding excavation with ease.

Designed for operator comfort and control, the cab features ergonomic seating, intuitive touch screen controls, and all-around visibility.

The excavator's heavy-duty body is built with reinforced steel for maximum durability and long-term structural integrity.

Heavy-duty steel or rubber tracks provide superior traction, stability, and durability across all terrain types.



The trusted Kubota engine delivers industry-leading reliability, fuel efficiency, and smooth performance in every application.



Maximise uptime and engine life with professional Kubota servicing backed by our trusted expertise.



X180 HYDRAULIC CRAWLER EXCAVATOR

TECHNICAL SPECIFICATIONS

ENGINE



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

TRAVEL SYSTEM



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



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

SWING SYSTEM



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

DIGGING FORCE (ISO6015) (KN)



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

REFILLING CAPACITIES AND LUBRICATIONS



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

BUCKET



Type	Standard
Bucket capacity	0.04m3
Bucket width	450mm

OPERATING WEIGHT AND GROUND PRESSURE



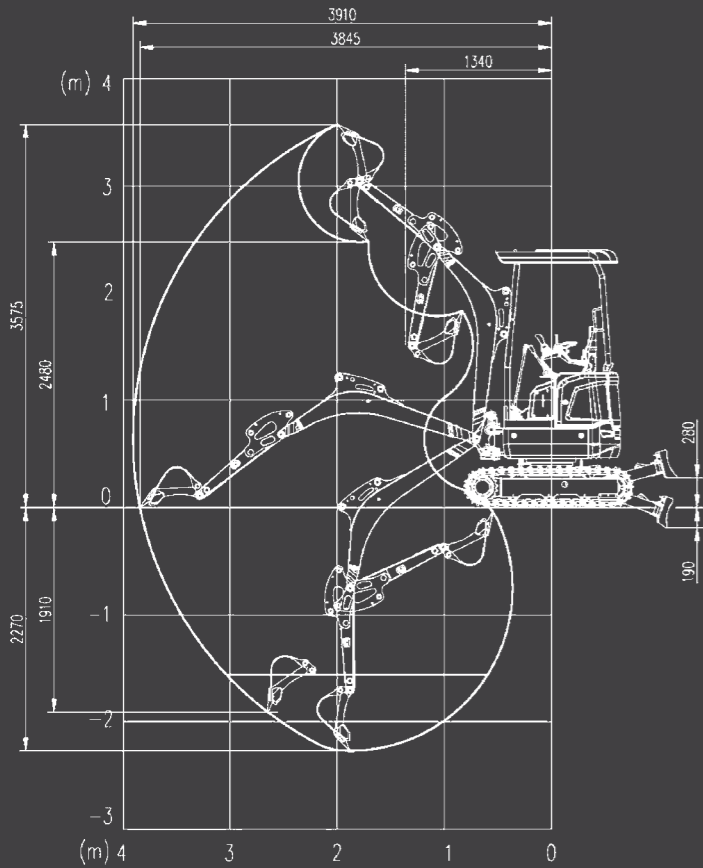
Shoe width	230mm
Ground pressure	29kPa
Operating weight	1880kg



TECHNICAL SPECIFICATIONS (CONTINUED)

SCOPE OF WORK (MM)

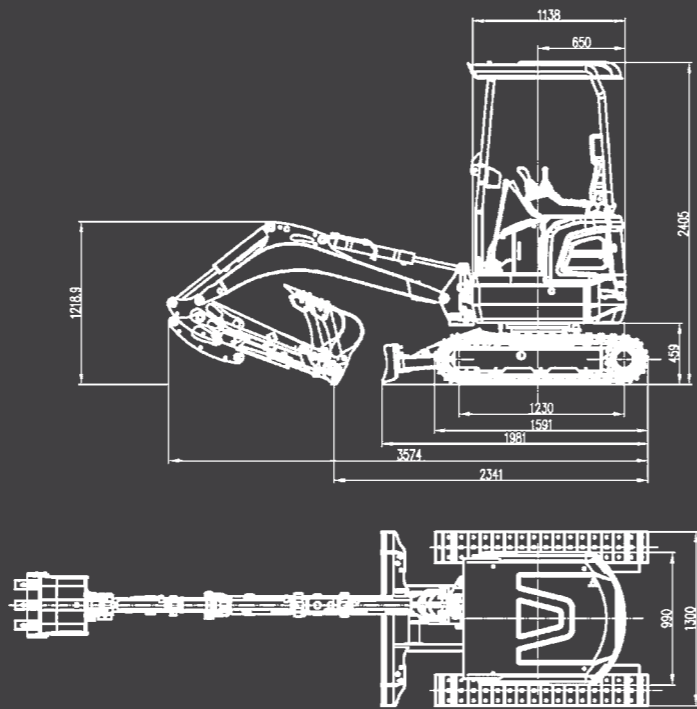
A	Max. digging height	3570
B	Max. dumping height	2480
C	Max. digging depth	2270
D	Max. vertical digging depth	1910
E	Max digging radius	3910
F	Max. digging radius at ground level	3840
G	Min turning radius of working device	1440
H	Blade Max. lifting height	280
I	Blade Max. depth of cutting	190



SIZE DIMENSIONS (MM)

Arm Length 950mm

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:** Specifications, features, and availability may vary by model and are subject to change without notice. Images are for illustrative purposes only. Actual product may differ. Performance may vary depending on application, conditions, and operator skill. Always operate machinery in accordance with safety guidelines and local regulations.

1300 039 225

18A TREFOREST DRIVE, CLAYTON VIC 3168

ABN 85 682 266 404

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X120 HYDRAULIC CRAWLER EXCAVATOR

Precision-built for pros who demand more from their machines.



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