

EXCALIBUR

X180 HYDRAULIC CRAWLER EXCAVATOR

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



1300 039 225

18A TREFOREST DRIVE
CLAYTON VIC 3168
ABN 85 682 266 404

EXCALIBURMACHINERY.COM.AU

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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 |

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TECHNICAL SPECIFICATIONS (CONTINUED)

SCOPE OF WORK (MM)



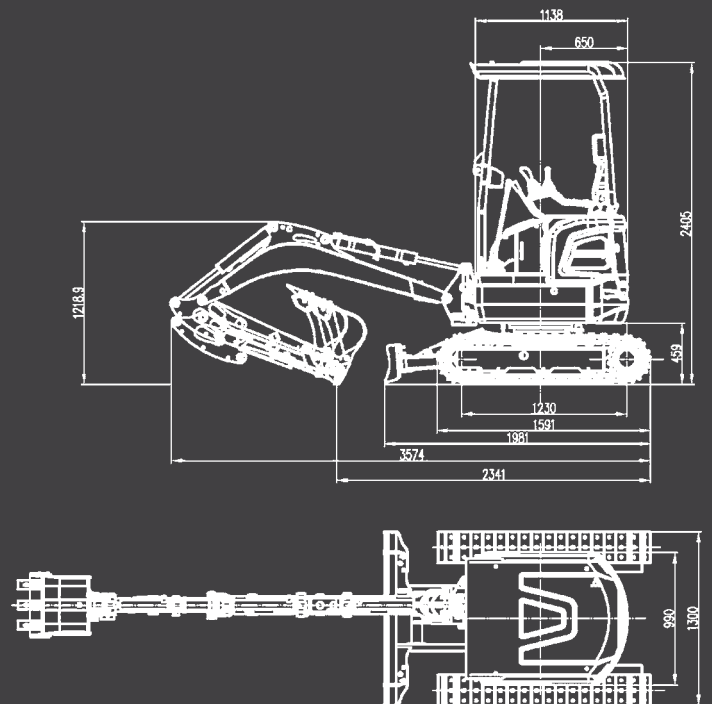
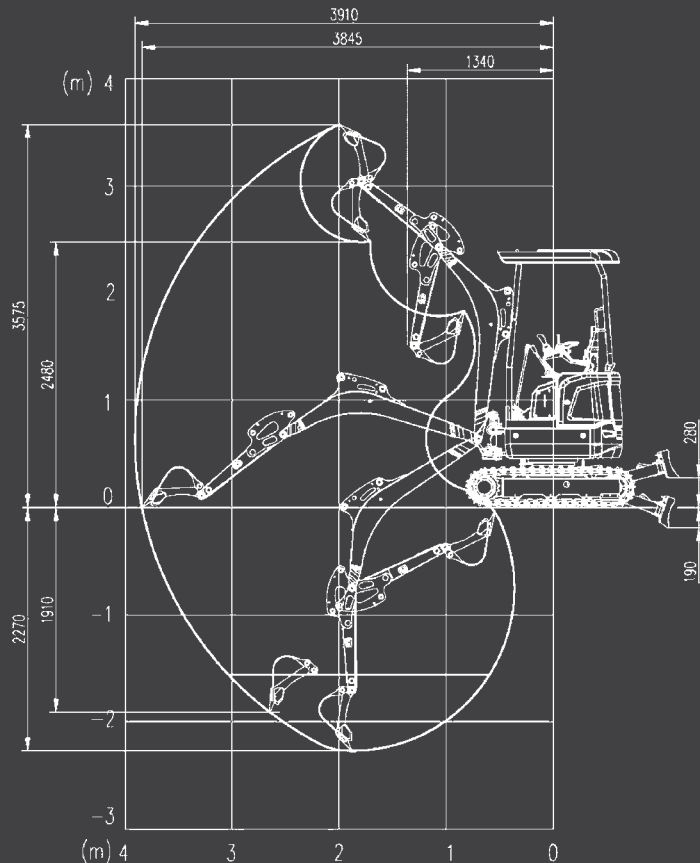
| | | |
|---|--------------------------------------|------|
| A | Max. digging height | 3570 |
| B | Max. dumping height | 2480 |
| C | Max. digging depth | 2270 |
| D | Max. vertical digging depth | 1910 |
| E | Max digging radius | 3910 |
| F | Max. digging radius at ground level | 3840 |
| G | Min 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.

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