



Engine Model: KUBOTA D782  
Gross Power: 9.8KW/2300rpm  
Operating Weight: 1200KG

High Performance in Compact Design

# YC12 SPECIFICATIONS

## ENGINE

Model	KUBOTA D782
Type	Three cylinder direct injection type
No. of cylinder	3
Emission	Europe Stage V
Displacement	0.788L
Power output	9.8kW/2300rpm

## HYDRAULIC SYSTEM

Type	Triple quantitative pump
Discharge	10.6+10.6+10.6 L/min

## DIGGING FORCE (ISO6015)

Boom length	1450mm
Arm length	890mm
Bucket digging force	10.4kN
Arm digging force	5.4kN

## BUCKET

Type	Backhoe bucket
Bucket capacity	0.022 m <sup>3</sup>
Bucket width	360 mm

## DRIVE SYSTEM

Type	Orbit motor
Track roller qty	2X3
Carrier roller qty	2X1
Travel speed	2/3.5 km/h
Drawbar pulling force	12kN
Grade ability	25%
Ground clearance	108mm

## SWING SYSTEM

Swing motor type	Orbit motor
Swing motor model	Danfoss SW2.5K
Swing speed	11r/min

## REFILLING CAPACITIES & LUBRICATIONS

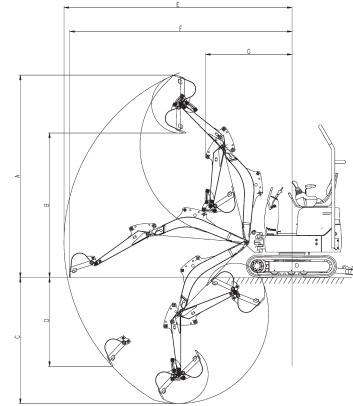
Fuel tank capacity	10L
Cooling system	3.1L
Engine oil capacity	3.8L
Hydraulic Tank level	16.3L
Hydraulic system	21L

## OPERATING WEIGHT AND GROUND PRESSURE

Shoe width	180mm
Ground pressure	29kPa
Operating weight	1200kg

## WORKING RANGE

	mm	
A	Max. digging height	3017
B	Max. dumping height	2147
C	Max. digging depth	1837
D	Max. vertical digging depth	1580
E	Max. digging distance	3360
F	Max. digging distance at ground level	3310
G	Min. turning radius of working device	1330



## DIMENSIONS

	mm	
A	Overall length	3025
B	Ground length(Transportation)	1835
C	Overall height(to top of boom)	967
D	Overall width	830/1000
E	Overall height(to top of cab)	2260
F	Ground clearance of counterweight	393
G	Min. ground clearance	108
H	Tail swing radius	700
I	Crawler wheel base	1010
J	Track length	1335
K	Track gauge	650/820
L	Track width	830/1000
M	Shoe width	180
N	Bonnet height	1048
O	Revolving frame width	830
P	Distance from swivel center to tail	700

