

INNOVATION LEADS TO VALUE



# SWE 155UF MEDIUM EXCAVATOR

◆ Total weight: 16.5 t

◆ Engine power: 90 kW / 2 200 rpm

◆ Bucket capacity: 0.61 m<sup>3</sup>



- ◆ It is the heavy duty tail-less excavator with the family appearance, which is power flexible and stable.
- ◆ Large power engine meeting European 5 emission standard is used and hydraulic system is installed for easy and efficient operation and coordination and energy saving.
- ◆ A large space cabin is provided with automatic air conditioning, air suspension damping seat and other devices to provide relaxed and enjoyable driving experience.
- ◆ 10-inch touch intelligent instruments, right side integrated operator console, and blind spot monitoring devices on the right side and rear side are installed to show the machine status and surrounding situation at any time.
- ◆ Auxiliary pipeline and electric proportional precision control function are provided for different tools and working conditions.
- ◆ With large maintenance space and removable enclosure, the maintenance activities could be carried out conveniently and easily.



## Parameters and performance of the main machine

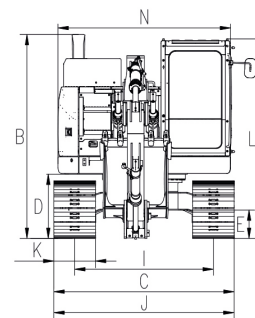
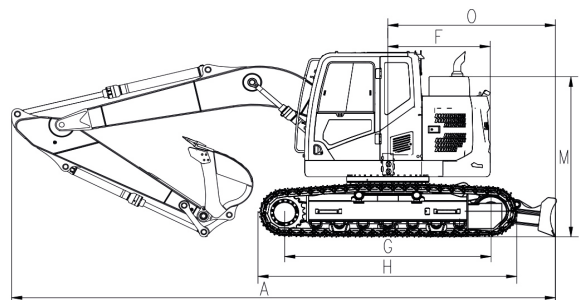
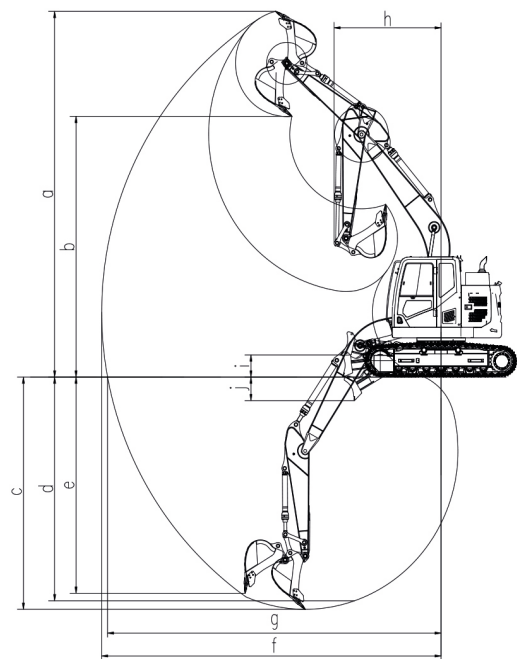
Dimension (L×W×H)		mm	7 910 x 2 600 x 2 945
Overall weight	With rubber track	t	\
	With steel track	t	16.5
Standard bucket capacity		m <sup>3</sup>	0.61
Bucket digging force		kN	100
Arm digging force		kN	76
Max.drawbar pull		kN	118
Travel speed (Max/Min)		km/h	5.3 / 3.2
Gradeability		%	57
Ground pressure		kPa	41
Slewing speed		rpm	11
Engine	Brand		CUMMINS
	Model		F3.8(Euro V/US IV)
	Max. torque	N.m/rpm	500 / 1 500
	Displacement	L	3.8
	Power/Rotation speed	kw/rpm	90 / 2 200
Fuel tank capacity		L	180
Primary pump	Type		variable plunger pump
	Flow rate	L/min	2 x 165 + 44
Pressure of main relief valve		MPa	34.3 / 31.4
Hydraulic oil tank capacity		L	150

## Working range

	Boom length	mm	4 600
	Arm length	mm	2 500
a	Max. digging height	mm	8 700
b	Max. dumping height	mm	6 200
c	Max. digging depth	mm	5 525
d	Digging depth (2.44m)	mm	5 320
e	Max. vertical digging depth	mm	5 140
f	Max. digging reach	mm	8 370
g	Max. digging reach at ground level	mm	8 225
h	Min. swing radius	mm	2 640
i	Max. lift height of the dozer blade	mm	520
j	Max. digging depth of the dozer blade	mm	558

## Outline dimensions

A	Total length	mm	7 910	H	Total track length	mm	3 765
B	Total height	mm	2 945	I	Track gauge	mm	2 000
C	Total width	mm	2 600	J	Undercarriage Width	mm	2 490
D	Counterweight clearance	mm	930	K	Track shoe width	mm	600
E	Ground clearance	mm	410	L	Max. height of cab	mm	2 945
F	Tail swing radius	mm	1 490	M	Height of engine hood	mm	2 480
G	Track length on the ground	mm	3 000	N	Width of turntable	mm	2 490



◆ The above parameters may be different due to product upgrading.

