SUNWARD

Excavator SWE 470

Operating Weight	**45.8t**
Engine Power	**250kW/2000rpm**
Engine Brand	**Cummins**
Standard Bucket Capacity	**2.2m3**
Max. Digging Depth	**7.775m**



Excavator SWE470

Parameter

ENGINE	
Brand	Cummins
Model	QSM11-335
Type	6-cylinder 4-stroke water cooled
Displacement	10.8L
Power	250kW/2000rpm

ELECTRIC SYSTEM	
Nominal Voltage	24V
Batteries	2×12V
Alternator	24V-50A
Starter	24V-4.5kW

DRIVE	
Max.Travel Speed (2nd/1st)	4.8/3.0km/h
Gradeability	35°
Max. Traction	409kN

UNDERCARRIAGE	
Undercarriage Width	3340mm
Track Height	1140mm
Tumbler Distance	4350mm
Track Length	5355mm
Shoe Width	600mm

DIMENSIONS	
Counterweight Clearance	1270mm
Tail Swing Radius	3650mm
Shipping Length	12050mm
Shipping Width	3340mm
Cab Height	3155mm

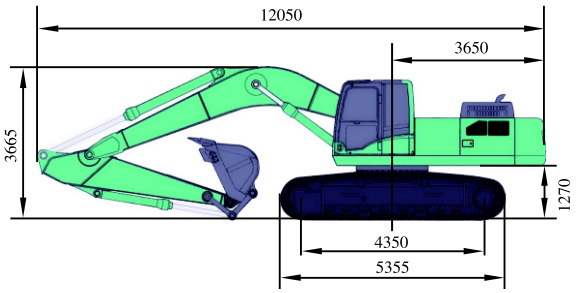
WORKING RANGES	
Max. Cutting Height	10885mm
Max. Loading Height	7770mm
Max. Digging Depth	7775mm
Max. Vertical Wall Digging Depth	6800mm
Max. Digging Reach	12095mm
Max. Digging Reach (Ground)	11890mm
Bucket Digging Force	305kN
Stick Digging Force	228kN
Ground Pressure	83.5kPa
Swing Speed	8.6rpm

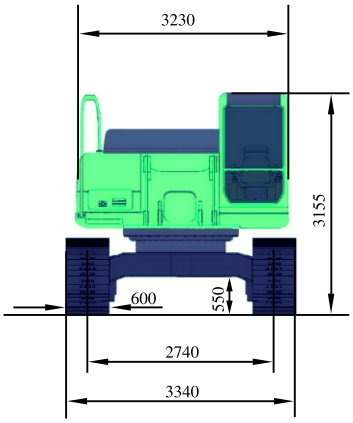
CAPACITY	
Fuel Tank	650L
Hydraulic Oil Tank	350L

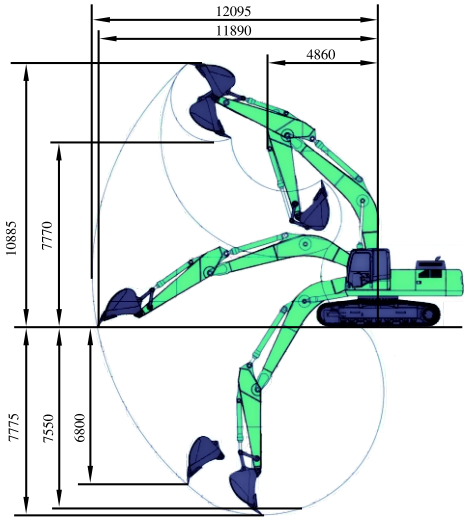
HYDRAULIC SYSTEM	
Main Pumps	
Type	2 piston pumps
Displacement	360 L/min
Working Pressure	32.4/34.3 Mpa

Excavator
SWE 470

Working Ranges







Load Capacity

A(m) / B(m)	2m		3m		4m		5m		6m		7m		8m		9m		10m		MAX	
	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)
8.0	-	-	-	-	-	-	-	-	-	-	-	-	9460	7780	-	-	-	-	5640	5640
7.0	-	-	-	-	-	-	-	-	-	-	-	-	9750	7790	6330	5970	-	-	5460	5460
6.0	-	-	-	-	-	-	-	-	-	-	10830	9930	10170	7680	9780	5970	-	-	5430	5180
5.0	-	-	-	-	-	-	-	-	13280	12610	11810	9610	10800	7490	9910	5890	-	-	5510	4720
4.0	-	-	-	-	24400	23130	18270	16170	14980	12000	12920	9230	11540	7250	9760	5750	7260	4530	5650	4410
3.0	-	-	-	-	-	-	20880	15110	16660	11370	14050	8830	11840	6990	9590	5590	7840	4460	5890	4210
2.0	-	-	-	-	-	-	22850	14270	18080	10820	14530	8460	11570	6750	9410	5430	7750	4370	6220	4120
1.0	-	-	11910	11910	-	-	23990	13730	18400	10400	14180	8160	11330	6370	9250	5280	7680	4290	6680	4120
0.0	-	-	17770	17770	14080	14080	24390	13440	18070	10120	13930	7940	11140	6370	9130	5170	7440	4230	7290	4220
-1.0	-	-	23980	23980	19150	19150	24220	13330	17890	9970	13770	7800	11030	6260	9060	5110	-	-	7950	4440
-2.0	14500	14500	30250	30250	25160	19590	23540	13360	17840	9930	13710	7750	10980	6220	9050	5100	-	-	8550	4810
-3.0	19910	19910	25830	25830	27170	19850	22360	13480	17910	9990	13750	7780	11030	6270	-	-	-	-	9500	5390
-4.0	-	-	-	-	24760	20220	20540	13720	17160	10150	13900	7920	11210	6420	-	-	-	-	11030	6330
-5.0	-	-	-	-	21380	20740	17840	14070	14770	10440	11740	8200	-	-	-	-	-	-	11110	7900
-6.0	-	-	-	-	-	-	13550	13550	-	-	-	-	-	-	-	-	-	-	-	-

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