



Excavator SWE 235E-3



Operating Weight	22.6t(steel track)
Engine Power	140kW/2050rpm
Engine Brand	CUMMINS
Standard Bucket Capacity	1.1m ³
Max. Digging Depth	6.635m

Excavator SWE235E-3

Parameter

ENGINE

Brand	CUMMINS
Model	QSB7
Type	Direct injection, 4-stroke, water-cooled, turbocharged, intercooled
Displacement	6.7L
Power	140kW/2050rpm

ELECTRIC SYSTEM

Nominal Voltage	24V
Batteries	120Ah
Alternator	24V-50A
Starter	24V-4.5kW

DRIVE

Max.Travel Speed (2nd/1st)	5.6/3.5 km/h
Gradeability	35°
Max. Traction	230kN

UNDERCARRIAGE

Undercarriage Width	2990mm
Tumbler Distance	3653mm
Track Length	4447mm
Shoe Width	600mm

DIMENSIONS

Counterweight Clearance	1060mm
Tail Swing Radius	2750mm
Shipping Length	9960mm
Shipping Width	2990mm
Shipping Height	3120mm

WORKING RANGES

Max. Cutting Height	9780mm
Max. Loading Height	7030mm
Max. Digging Depth	6635mm
Max. Vertical Wall Digging Depth	6460mm
Max. Digging Reach	10300mm
Max. Digging Reach (Ground)	10130mm
Bucket Digging Force	161kN
Stick Digging Force	108kN
Ground Pressure	45.8kPa
Swing Speed	13.4rpm

CAPACITY

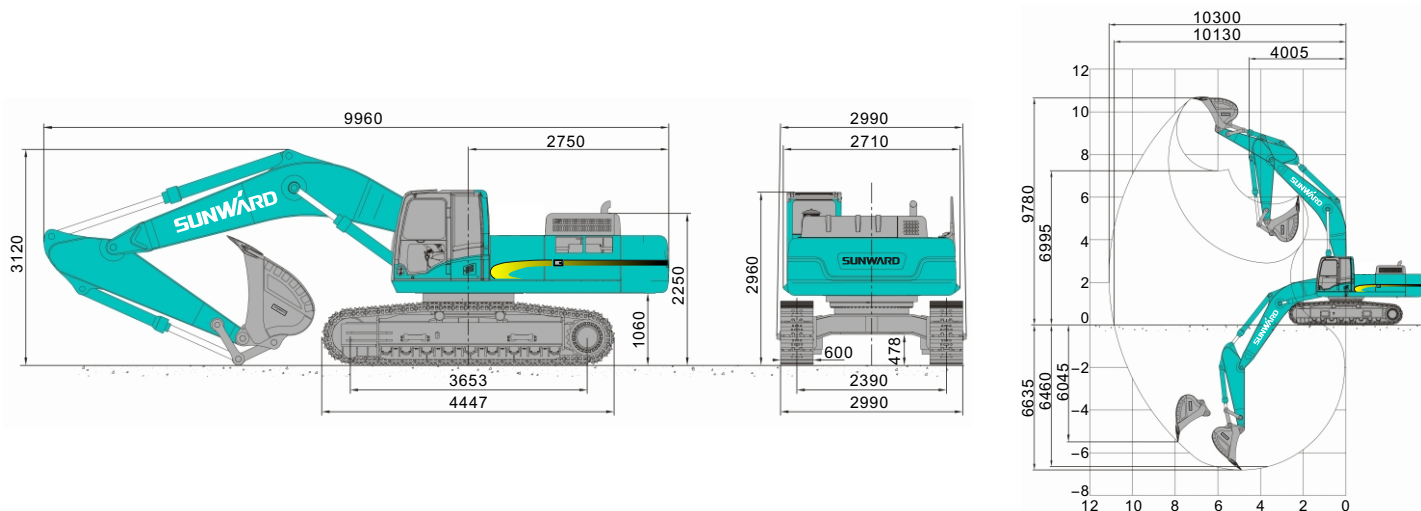
Fuel Tank	370L
Hydraulic Oil Tank	250L

HYDRAULIC SYSTEM

Main Pumps	
Type	2 piston pumps
Displacement	2x240 L/min
Working Pressure	31.4/34.3 MPa

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Working Ranges



Load Capacity

X(m) Y(m)	2m		3m		4m		5m		6m		7m		8m		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)
8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*3320	*3320
7.0	-	-	-	-	-	-	-	-	*4149	*4149	-	-	-	-	*3023	*3023
6.0	-	-	-	-	-	-	-	-	*4220	*4220	*4258	3788	-	-	*2878	*2878
5.0	-	-	-	-	-	-	-	-	*4549	*4549	*4376	3770	-	-	*2825	*2825
4.0	-	-	-	-	*6840	*6840	*5697	*5697	*5054	4876	*4659	3701	*4240	2846	*2840	2662
3.0	-	-	-	-	*8532	*8532	*6684	6354	*5657	4706	*5028	3605	4482	2805	*2915	2498
2.0	-	-	-	-	*10137	8565	*7650	6056	*6271	4530	*5419	3500	4421	2749	*3053	2415
1.0	-	-	-	-	*11213	8193	*8430	5814	*6805	4376	5466	3403	4362	2695	*3263	2402
0.0	-	-	*4440	*4440	*11711	8005	*8931	5654	6929	4262	5383	3328	4317	2653	*3567	2461
-1.0	*4213	*4213	*7325	*7325	*11769	7943	*9135	5572	6853	4194	5334	3284	4300	2637	4007	2605
-2.0	*7460	*7460	*10750	*10750	*11471	7964	*9037	5556	6832	4176	5328	3278	-	-	4654	2865
-3.0	*10956	*10956	*13955	13458	*10800	8052	*8593	5602	6871	4211	5388	3332	-	-	5350	3310
-4.0	*15346	*15346	*12292	*12292	*9625	8213	*7650	5717	*5931	4324	-	-	-	-	*5513	4112
-5.0	-	-	*9703	*9703	*7562	*7562	*5568	*5568	-	-	-	-	-	-	*5412	*5412

Notes:

- 1) Load with * is limited by hydraulic capacity and based on ISO 10567. Rated loads do not exceed 87% of hydraulic capacity.
- 2) Load without * is limited by tipping load and based on ISO 10567. Rated loads do not exceed 75% of tipping load.

■ SUNWARD INTELLIGENT EQUIPMENT CO.,LTD.

Add: Sunward Intelligent Industrial Park, Xingsha, Changsha, 410100, China.

Tel: (0086-731) 83572 828 Fax: (0086-731) 83572 661

E-mail: international@sunward.com.cn

Web: www.sunward.com.cn

■ SUNWARD EUROPE HEAVY INDUSTRY NV

Add: Nijverheidspark 3, 3580 Beringen, Belgium

Tel: (0032-011) 434666

E-mail: eu@sunward.cc