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PRECISION AT HAND CRAFTED TO PERFECTION



TZ380EXD HYDRAULIC EXCAVATOR

Operating Weight
39200kg

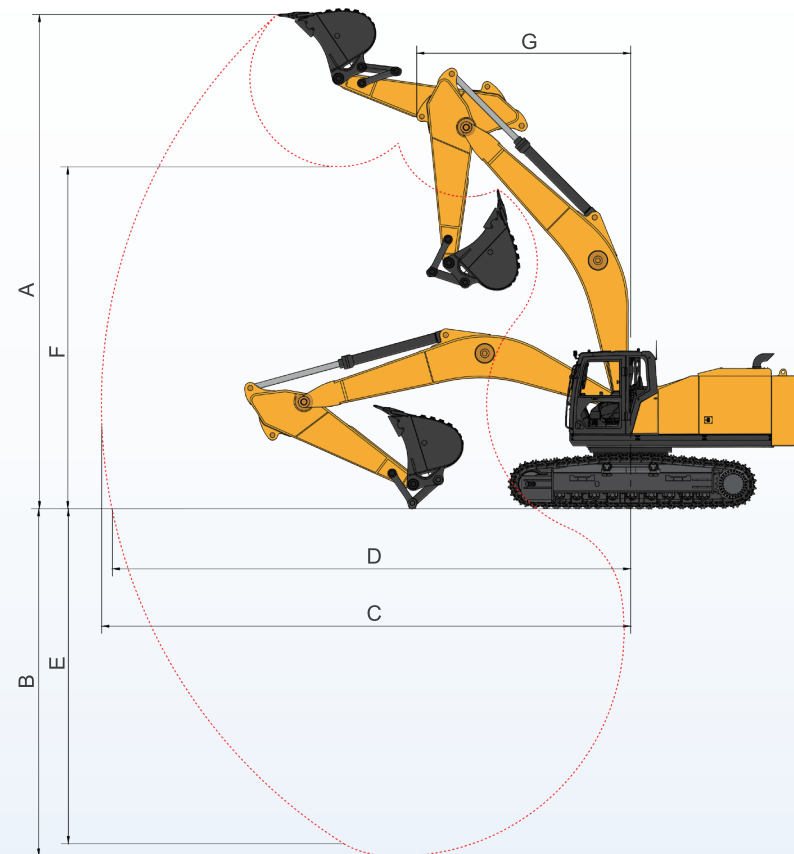
Engine
Cummins L9

Rate Power
243kW/1900rpm

Bucket Capacity
1.9m³/2.1m³

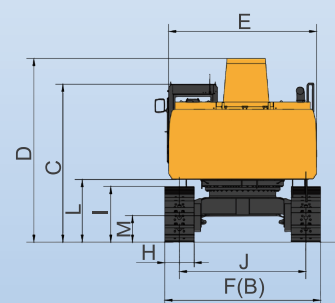
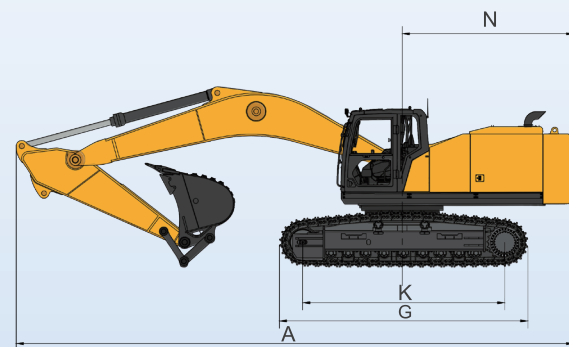
Working Range (mm)

A	Max. Digging Height	10122
B	Max. Digging Depth	7112
C	Max. Digging Radius	10837
D	Max. Digging Reach	10620
E	Max. Vertical Digging Depth	6861
F	Max. Dumping Height	7002
G	Min. Swing Radius	4385



Dimensions (mm)

A	Transport Length	11418
B	Transport Width	3190
C	Height Over Cabin	3286
D	Height Over Boom(Transport)	3820
E	Upperstructure Carriage Width	3030
F	Undercarriage Width	3190
G	Track Length	5090
H	Track Width	600
I	Track Height	1142
J	Track Gauge	2590
K	Central Distance of Tumblers	4140
L	Counterweight Clearance	1263
M	Min. Clearance	544
N	Tail Swing Radius	3510
O	Boom Length	6500
P	Arm Length	2800



Engine

Brand	/	Cummins
Model	/	L9
Emission Standard	/	Stage III
Rated Power	kW/rpm	243/1900
Displacement	L	8.9

Hydraulic System

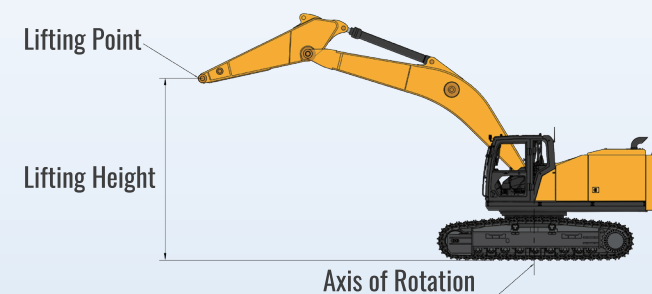
Brand	Hengli	
Max. Oilflow	L/min	306*2
Implement Circuit	MPa	34.3
Travel Circuit	MPa	34.3
Swing Circuit	MPa	26
Pilot Circuit	MPa	3.9

Service Refill Capacities

Fuel Tank	L	580
Hydraulic Oil Tank	L	290
Engine Oil	L	50

Performance

Bucket Digging Force	kN	245
Arm Digging Force	kN	245
Swing Speed	r/min	8.9
Max. Travel Speed	km/h	5.3/3.0
Max. Travel Force	kN	320
Gradeability	°	35
Ground Pressure	kPa	69
Bucket Capacity	m³	1.9/2.1



1. This lifting capacity calculation complies with ISO 10567 and SAE J1097 standards, meanwhile considering 0.87 as the Hydraulic system limitation factor and 0.75 as the tipping stability limitation factor.
2. Scenarios marked with an asterisk (*) denote hydraulic system limitations; unmarked scenarios indicate stability limitations.
3. Lifting point refers to the boom front hinge pin (bucket weight excluded). Additional attachments (e.g., buckets) must be deducted from the stated capacity.

Lifting Capacity

Lifting Point Height (m)	Over Front					Over Side				
	Lifting Point Radius(m)					Lifting Point Radius(m)				
	3	4.5	6	7.5	9	3	4.5	6	7.5	9
6			*10300	*9454				*10300	7914	
4.5		*14872	*11616	*10015			*14872	10741	7704	
3			*13123	*10754				10195	7438	
1.5			*14279	*11385	9381			9755	7199	5613
Ground		*19791	*14730	*11660			14466	9510	7042	
-1.5	*14998	*18744	*14371	*11344		*14998	14500	9446	6999	
-3	*21299	*16722	*13039			*21299	14699	9546		
-4.5	*16311	*13137	*9864			*16311	*13137	*9864		