



TOPWIN LARGE TONNAGE HYDRAULIC EXCAVATOR CATALOG

MODEL	E60	E80	E135	E150	E210	E220	E230		E250	E270	E300	E360	E400	E500	E500EV	E550 (Dual power)		E600	
Operating weight (ton)	5.85	8	13.5	14.5	21.2	21.5	22		23.6	27.5	30.6	35.3	36.8	48	48.5	53		60	
Bucket capacity (m3)	0.22	0.32	0.53	0.6	0.93	0.93	1.0		1.2	1.3	1.4	1.6-1.8	1.6-1.8	2.8-3.6	2.8	2.8-4.0		2.0-3.0 clam bucket	1.0-1.5 grapple
Engine model	YANMAR 4TNV98	YANMAR 4TNV98T	Cummins QSF3.8	Cummins QSF3.8	Cummins QSB7.0	Cummins QSB7.0	Mitsubishi 4M50	Isuzu 4HK1X	Cummins QSB7.0	Cummins QSB7.0	Cummins QSB7.0	Isuzu 6HK1X	Isuzu 6HK1X	YKVF-315L2	YKVF-315L2	Cummins QSL8.9	YKVF-315L2	Cummins QSL8.9	Cummins QSL8.9
Rated power (kw/r/min)	44/2200	54.3/2200	86/2200	86/2200	124/2000	118/2000	133/2000	124/1800	142/1950	169/2050	169/2050	212/2000	212/2000	300/1800	280	280	264/2100	280	264/2100
Volume of fuel tank (L)	100	130	247	247	420	420	420		420	420	595	595	595	650	650	500		500	
Travel speed (km/h)	4.2/2.2	5.1/2.7	5.3/3.1	5.3/3.1	5.2/3.5	5.2/3.5	5.2/3.5		5.2/3.5	4.1/2.5	5.2/3.3	5.2/3.3	5.2/3.3	4.8/3.0	4.8/3.0	5.2/3.3		5.2/3.3	
Swing speed(r/min)	9.5	10	12	12	11.5	11.5	11.5		11.5	11	10.5	8.5	8.5	8.6	8.6	9		9	
Max gradeability (%)	70	70	70	70	70	70	70		70	70	70	70	70	70	70	30		30	
Bucket digging force at power max (kN) ISO	42	52	100	100	157	157	157		172	172	227	256	256	298	298	298		298	
Average grounding pressure(KPA)	33.5	30	38	39	46.5	48	46.5		49.4	56	65.1	67.8	70.8	86	87	95		100	
Hydraulic pump model	InLine HP5V76	InLine HP3V80	InLine HP3V75	InLine HP3V75	EDDIE FMP112AP DT	InLine V90N130	InLine V90N130	KPM 3V112DT	KPM K3V112DT	KPM K3V112DT	EDDIE F5V160DT	KPM K5V160DT	InLine V90N180/ KPM K5V160DT	InLine V90N230D P	KMP K5V200DT	InLine V90N230DP	HP3V230	HP3V230	HP3V230
Maximum flow (L/min)	160	165	165*2	165*2	215*2	222*2	211*2	250*2	228*2	228*2	265*2	320x2	360x2/320x2	414x2	360x2	414x2	414x2	414x2	414x2
Setting pressure (MPa)	32	32	37	37	37	37	37.3		37.3	37.3	34.3	37	37	37	37	37		37	
Volume of hydraulic tank (L)	80	90	130	130	246	246	246		246	246	310	310	310	335	335	480		480	
A Overall length (mm)	5960	6100	7580	7580	9560	9560	9560		9850	10000	10880	11080	11080	11600	12180	13180		14190	
B Overall width (mm)	1960	2300	2490	2490	2780	2980	2980		2980	3190	3190	3190	3190	3340	3340	3340		3385	
C Overall height (to top of boom) (mm)	1995	2515	2780	2780	3040	3040	3040		3135	3325	3310	3180	3180	3640	3640	3640		3350	
D Overall height (to top of cab) (mm)	2690	2680	2815	2815	3120	3120	3120		3120	3220	3280	3280	3280	3280	3280	3280		3350	
E Counterweight ground clearance (mm)	700	760	870	870	1065	1065	1065		1065	1080	1180	1210	1210	1300	1300	1300		1320	
F Min. ground clearance (mm)	360	380	430	430	466	466	466		440	520	523	495	495	720	720	720		720	
G Tail swing radius (mm)	1700	1755	2155	2155	2720	2720	2720		2810	2910	3420	3420	3420	3845	3845	4850		4960	
H Track grounding length (mm)	2000	2150	2750	3000	3260	3260	3445		3640	3715	3715	4030	4030	4360	4360	4360		4420	
J Track length (mm)	2580	2780	3485	3735	4060	4060	4260		4450	4625	4625	4955	4955	5390	5390	5390		5470	
K Track gauge(mm)	1560	1700	1960	2000	2180	2380	2380		2380	2590	2590	2590	2590	2740	2740	2740		2740	
L Track width (mm)	1960	2150	2460	2500	2780	2980	2980		2980	3190	3190	3190	3190	3340	3340	3340		3340	
M Track shoe width (mm)	400	450	500	500	600	600	600		600	600	600	600	600	600	600	600		600	
N Turntable width (mm)	1906	2198	2490	2490	2700	2700	2700		2700	2700	2995	2995	2995	3045	3045	3385		3385	
O Max. digging height (mm)	5750	7165	8630	8630	9275	9275	9275		9310	9310	9630	9800	9800/10200	10000	10760	10760		10760	
P Max. dumping height (mm)	3980	5065	6180	6180	6560	6560	6560		6440	6440	6650	6830	6830/7135	6660	7400	7400		7400	
Q Max. digging depth (mm)	3860	4038	5500	5500	6515	6515	6515		6875	6875	6700	6890	6890/7370	6260	7320	7320		7320	
R Max. vertical wall digging depth (mm)	3040	3505	4940	4940	5915	5915	5915		5860	5860	5750	6000	6100/6380	5620	6695	6695		6695	
S Max. digging depth for 2.5m horizontal plane (mm)	3440	3680	5285	5285	6380	6380	6380		6680	6680	6600	6800	6800/7190	6070	7150	7150		7150	
T Max. digging reach (mm)	6170	6330	8305	8305	9865	9865	9865		10170	10170	10600	10800	10800/11100	10580	11660	11660		11660	
U Max. digging reach at ground level (mm)	6045	6180	8180	8180	9680	9680	9680		9990	9990	10400	10600	10600/10910	10360	11440	11440		11440	
V Min. swing radius (mm)	2380	1795	2495	2495	3630	3630	3630		3975	3975	4285	4285	4265	4825	4825	4825		4825	
W Max. height at min swing radius (mm)	4395	5500	6430	6430	7670	7670	7670		7775	7775	8360	8500	8500	9250	9250	9250		9250	
X Distance from swing center to rear (mm)	1700	1755	2155	2155	2720	2720	2720		2810	2910	3420	3420	3420	3845	3845	4850		4960	
Z Height of counterweight (mm)	1685(engine hood)	1725	1935	1935	2120	2120	2120		2120	2165	2240	2265	2265	2860	2860	2860		2860	
A1 Grounding length (in transportation) (mm)	3370	3700	4410	4410	4850	4850	4850		5360	5360	5785	5720	5920/5750	6520	6820	6820		7620	
Arm length (mm)	1630	1650	2500	2500	2900	2900	2900		3050	3050	2900	2900	2900/3185	2550	3400	3400		5800	
Boom length (mm)	3000	3710	4600	4600	5700	5700	5700		5850	5850	6250	6470	6470	6560	7060	7060		9000	

Note: With the continuous improvement of technology, the parameters are subject to change without notice.

