



Compact Excavators



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Specifications



Excavator	E35	E42	E45	E50	E55
Tail Swing Type	Zero Tail	Conventional Tail	Zero Tail	Minimal Tail	Conventional Tail
– Tail Swing Overhang – in. (mm)	—	16.9" (429)	—	0.6" (16)	13.4" (340)
Weight – lb. (kg)	7468 (3387)	9246 (4194)	10,077 (4571)	10,677 (4843)	12,313 (5585)
Dig Depth – ft. in. (m)	10' 3" (3.1)	10' 6" (3.2)	10' 10" (3.3)	11' 7" (3.5)	12' 11" (3.9)
Reach @ Ground Level – ft. in. (mm)	17' 2" (5230)	17' 3" (5259)	18' 7" (5670)	19' 6" (5939)	20' (6083)
Dump Height Clearance – ft. in. (mm)	11' (3340)	12' 3" (3725)	11' 11" (3637)	12' 9" (3877)	13' 7" (4132)
Width – in. (mm)	69" (1750)	69" (1750)	77.2" (1960)	77.2" (1960)	77.2" (1960)
Ground Pressure – psi (kPa)	4.2 (28.9)	4.3 (29.8)	3.7 (25.7)	3.9 (27.2)	4.8 (31.4)
– Standard Track Width – in. (mm)	11.8" (300)	13.8" (350)	15.7" (400)	15.7" (400)	15.7" (400)
Performance					
Arm Breakout Force – lbf. (N)	4589 (20413)	5672 (25230)	5332 (23720)	6744 (29997)	5751 (25580)
Bucket Breakout Force – lbf. (N)	6968 (30995)	9183 (40850)	7650 (34030)	8977 (39930)	8977 (39930)
Rated Lift Capacity – lb. (kg)					
(Over blade, ground level, 10 ft. (3 m) reach)	2866 (1300)	4603 (2088)	5131 (2328)	6034 (2737)	4999 (2268)
(Over side, ground level, 10 ft. (3 m) reach)	1082 (491)	1459 (662)	1453 (659)	1610 (730)	2881 (1307)
Travel Speed: Low / High – mph (km/hr)	1.6 (2.6) / 2.9 (4.7)	1.6 (2.6) / 2.9 (4.7)	1.5 (2.4) / 2.6 (4.2)	1.9 (3.1) / 3.1 (5.0)	1.9 (3.1) / 3.1 (5.0)
LONG ARM OPTION PERFORMANCE					
Tail Swing Type / Overhang – in. (mm)	Minimal – 3.5" (89)	Conv. – 17.6" (447)	Minimal – 0.6" (16)	Minimal – 3.6" (91)	—
Weight (w/Long Arm & Counterweight) – lb. (kg)	8143 (3694)	9722 (4410)	10,553 (4787)	11,195 (5078)	—
Dig Depth – ft. in. (m)	11' 3" (3.4)	11' 6" (3.5)	11' 10" (3.6)	12' 11" (3.9)	—
Reach @ Ground Level – ft. in. (mm)	18' 1" (5520)	18' 3" (5551)	19' 7" (5964)	20' 9" (6333)	—
Dump Height Clearance – ft. in. (mm)	11' 7" (3521)	12' 10" (3907)	12' 6" (3819)	13' 7" (4132)	—
EXTENDABLE ARM OPTION PERFORMANCE					
Tail Swing Type / Overhang – in. (mm)	Minimal – 3.5" (89)	Conv. – 17.6" (447)	Minimal – 0.6" (16)	—	Conv. – 13.4" (340)
Weight (w/Ext. Arm & counterweight) – lb. (kg)	8374 (3798)	9976 (4525)	10,807 (4902)	—	12,602 (5716)
Dig Depth – ft. in. (m)	12' 11" (3932)	12' 6" (3814)	12' 10" (3909)	—	14' 6" (4413)
Reach @ Ground Level – ft. in. (mm)	19' 9" (6013)	19' 1" (5826)	20' 6" (6244)	—	21' 10" (6659)
Dump Height Clearance – ft. in. (mm)	12' 6" (3806)	13' 4" (4051)	13' (3957)	—	14' 6" (4409)
Engine					
	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4
Horsepower – hp (kW)	33.5 (25.0)	42.7 (31.8)	42.7 (31.8)	49.8 (37.1)	49.8 (37.1)
Engine Type	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel
Fuel Tank Capacity – Gal. (L)	14 (53.1)	21 (79)	21 (79)	21 (79)	21 (79)
Engine Shutdown Protection Feature	Std	Std	Std	Std	Std
Battery Run-down Protection	Std	Std	Std	Std	Std
Hydraulics					
Piston Pump	Yes	Yes	Yes	Yes	Yes
Load-Sensing Pump	Yes	Yes	Yes	Yes	Yes
Closed Center Valve	Yes	Yes	Yes	Yes	Yes
Machine Features & Options					
Angle Blade	Opt	Opt	Opt	Opt	Opt
Auto-Idle Throttle	Std	Std	Std	Std	Std
Auto-Shift Travel System	Std	Std	Std	Std	Std
Automatic Slew Brake	Std	Std	Std	Std	Std
Blade Float	Std	Std	Std	Std	Std
Cab (Radio Ready) with Heat	Opt	—	—	—	—
Cab (Radio Ready) with Heat and A/C	Opt	Opt	Opt	Opt	Std
Control Pattern Selector	Std	Std	Std	Std	Std
Deluxe Cloth Seat	Opt	Opt	Opt	Opt	Std
Fingertip Boom Swing Control	Std	Std	Std	Std	Std
Fold Down TOPS	—	—	—	—	—
Fuel Fill Alert	Std	Std	Std	Std	Std
In-Track Swing Frame	Std	Std	Std	Std	Std
Keyless/Password Start System	Opt	Opt	Opt	Opt	Opt
Retractable Undercarriage	—	—	—	—	—
Steel Tracks	Opt	Opt	Opt	Opt	Opt
– Bolt-On Street Pads	Opt	Opt	Opt	Opt	Opt
Features for Attachments					
X-Change attachment quick-tach system	Std	Std	Std	Std	Std
Hydraulic X-Change quick-tach system	Opt	Opt	Opt	Opt	Opt
Auxiliary Hydraulics with Quick Couplers	Std	Std	Std	Std	Std
Auxiliary Hydraulic Flow – gpm (L/min.)	16.9 (63.9)	20.0 (75.7)	20.0 (75.7)	20.0 (75.7)	20.0 (75.7)
Auxiliary Hydraulic Pressure – psi (Bar)	2987 (206)	3045 (210)	3045 (210)	3045 (210)	3045 (210)
Hydraulic Clamp	Opt	Opt	Opt	Opt	Opt
Fingertip Auxiliary Control	Std	Std	Std	Std	Std
Dual Direction Detent	Std	Std	Std	Std	Std
Secondary Auxiliary Hydraulics	Opt	Opt	Opt	Opt	Opt
Selectable Auxiliary Flow	Std	Std	Std	Std	Std