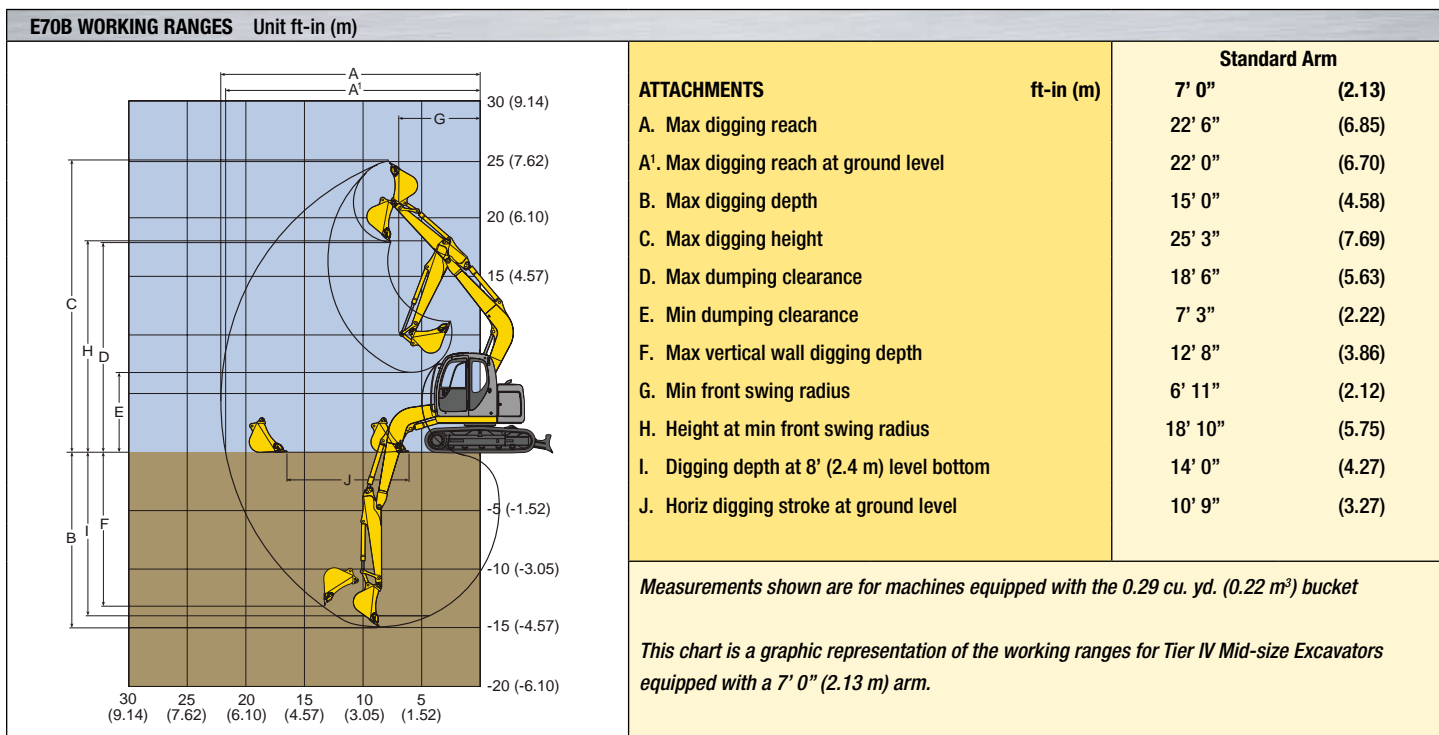


E70B Specifications



GENERAL	
Operating weight with bucket, lb (kg)	17,300 (7,840)
Bucket capacity range (SAE heaped), cu yd (m ³)	0.23-0.53 (0.18-0.40)
Counterweight, lb (kg)	1,860 (843)

WEIGHTS	
Bucket weight, lb (kg)	420 (190)
Shoe width, in (mm)	23.6 (600)
Machine overall width with dozer blade, ft-in (mm)	8' 2" (2,470)
Ground pressure, psi (kPa)	3.79 (26.1)
Base machine weight, lb (kg)	16,880 (7,650)

PERFORMANCE	
Travel speed (turtle), mph (km/h)	1.70 (2.80)
Travel speed (rabbit), mph (km/h)	3.30 (5.30)
Swing speed, rpm	11.5
Gradeability, degrees (%)	35 (70)
Drawbar pulling force, lb (kN)	16,100 (71.6)
Swing Torque, ft-lbs (kN•m)	14,040 (19.03)

ENGINE	
Make and model	ISUZU AU-4LE2X
Type	Water-cooled, 4-cylinder, 4-cycle direct injection diesel engine with intercooler turbo-charger.
Displacement, cu in (l)	133 (2.18)
Bore, in (mm)	3.35 (85)
Stroke, in (mm)	3.78 (96)
Fuel tank capacity, gal (l)	31.7 (120)
Electrical system, volts (amperes)	12 (50)
Horsepower SAE NET, hp (kW) @ rpm	55.7 @ 2,200 (41 @ 2,200)
Max. torque, lbf-ft (N•m)	148 @ 1,600 (200 @ 1,600)

BREAKOUT FORCES	
Arm breakout force, SAE lbf (kN)	7,700 (34)
Arm breakout force, ISO lbf (kN)	7,900 (35.2)
Bucket breakout force, SAE lbf (kN)	10,600 (47.1)
Bucket breakout force, ISO lbf (kN)	11,800 (52.7)

UNDERCARRIAGE	
Track overall length, ft-in (m)	9' 5" (2.87)
Track overall width w/std. shoe, ft-in (m)	8' 2" (2.49)
Standard track shoe, in (mm)	23.6 (600)
Travel speed (turtle), mph (km/h)	1.70 (2.80)
Travel speed (rabbit), mph (km/h)	3.30 (5.30)
Draw bar pull	16,100 (71.6)
Ground bearing pressure	3.79 (26.1)
Ground clearance-undercarriage, ft-in (mm)	1' 2" (360)

REFILL CAPACITIES	
Fuel tank capacity, gal (l)	31.7 (120)
Hydraulic oil reservoir, gal (l)	19.0 (72)
Hydraulic system including oil reservoir, gal (l)	23.8 (90)
Cooling system, gal (l)	2.2 (8.5)
Lubrication: engine oil, gal (l)	2.9 (11)

DOZER BLADE	
Blade width, ft-in (mm)	8' 2" (2,490)
Blade height, ft-in (mm)	1' 6" (460)
Max. digging depth, in (mm)	10 (245)
Max. lift height, ft-in (mm)	1' 2" (355)
Approach angle, degrees	27
Blade edge angle, degrees	57

