

EK60



multi-purpose drilling rig



DRILLING EQUIPMENT

GEAX EK60

Multi-purpose hydraulic drilling rig for

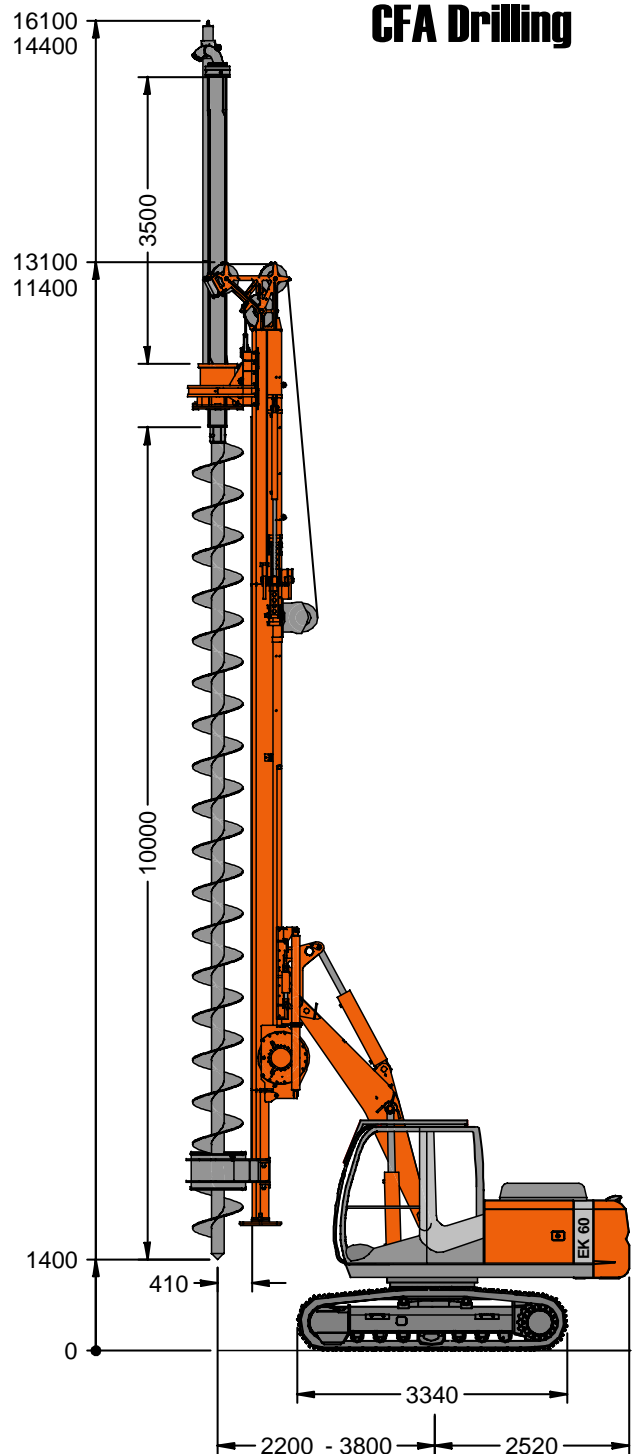
- Kelly drilling
- CFA drilling
- Diaphragm walls

Available in two versions, standard and L

Main characteristics:

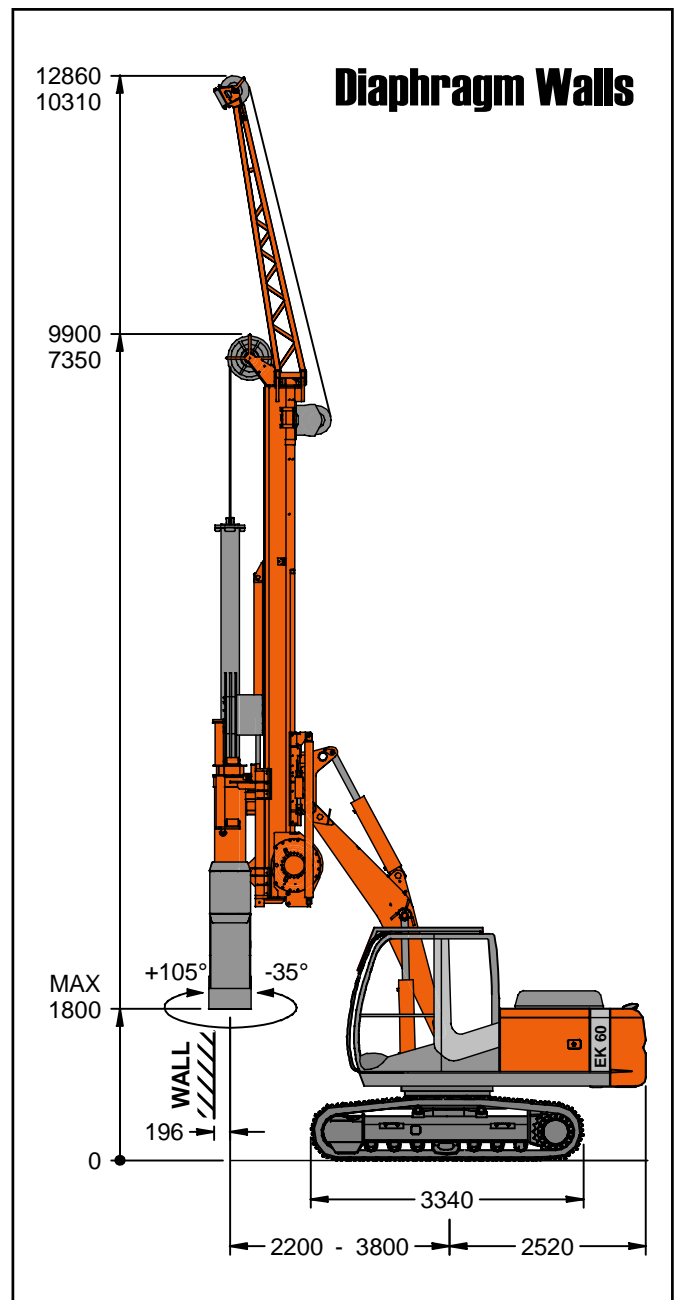
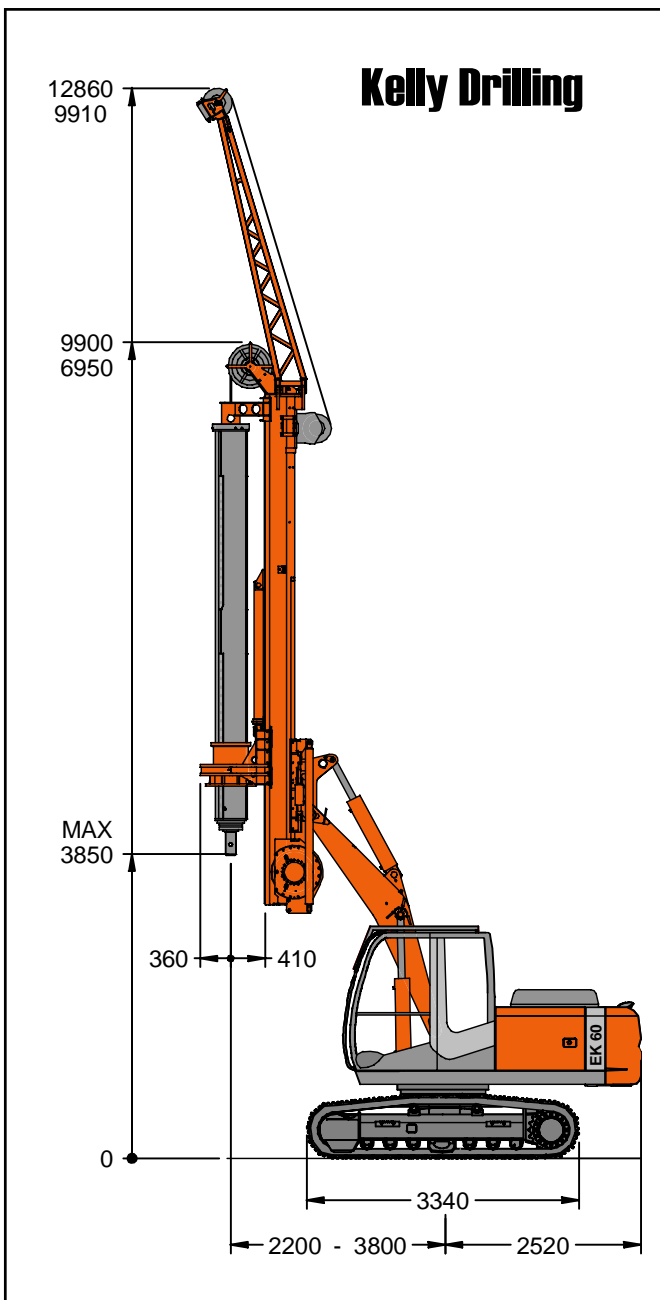
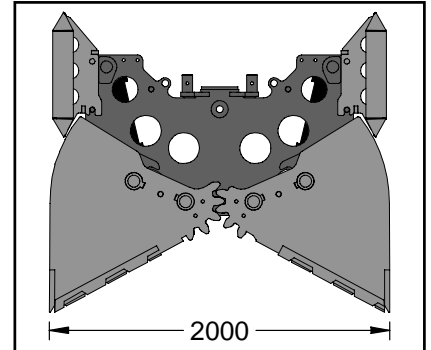
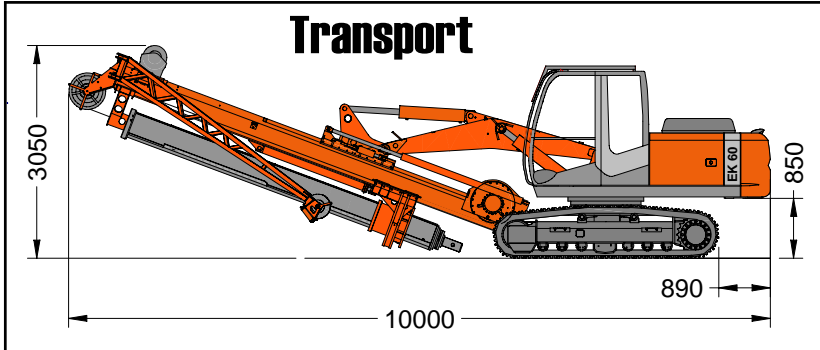
- High rigidity and lightness
- Precise movements
- Wide range of tool positioning
- High manoeuvrability
- Fast and easy conversion among different configurations
- Simply maintenance
- Great visibility of the work area
- Mast automatic vertical alignment
- Mast inclination display
- Depth measuring device
- Pressure gauge for auxiliary input
- New patented **BPS** crowd system for CFA piles (L version only)
- GPS control system
- Rear view camera

CFA Drilling



EK60 LP

EK60 LD



Base	HITACHI Zaxis 110LC-3			
Engine	type	ISUZU AJ-4JJ1X		
Engine power	kW/hp	69/93		
Undercarriage length	mm	3340		
Undercarriage width	mm	2490		
Shoe width	mm	500		
Hydraulic system				
Main pumps	l/min	2x111		
Auxiliary pump	l/min	2x33.6		
Hydraulic pressure	bar	320		
Rotary		EK60 P/LP	EK60 CFA/LCFA	EK60 D/LD
Nominal torque	kNm	53		-
Drilling speed (3)	rpm	11 ÷ 58		-
Winches				
Main winch line pull	kN	80	80x2	80
Main winch rope diameter	mm	18	18	18
Aux winch line pull	kN	25/30	25/30	25/30
Aux winch rope diameter	mm	12	12	12
Crowd system				
Pull down force	kN	70/80	-/80	-
Extraction force	kN	160	160	160
Stroke	mm	3000	-/11000	-
Excavation				
Max pile diameter	mm	1200	600	-
Max pile depth/wall depth	m	21/25 (31)	11.5/13	16
Width of trench	mm	-	-	300 ÷ 600
Length of trench	mm	-	-	2000
Grabs closing force	kN	-	-	115
Kelly rotation	deg	-	-	+105° ÷ -35°
Transport				
Length	mm	8400/10000	8100/9800	8400/10000
Width	mm	2490	2490	2490
Height	mm	3050	3050	3050
Operating weight				
	Kg	15000/18000	14000/17000	15000/18000
Ground pressure				
	Kg/cm ²	0.53/0.63	0.49/0.6	0.53/0.63

Technical specifications are subject to change without prior notice



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