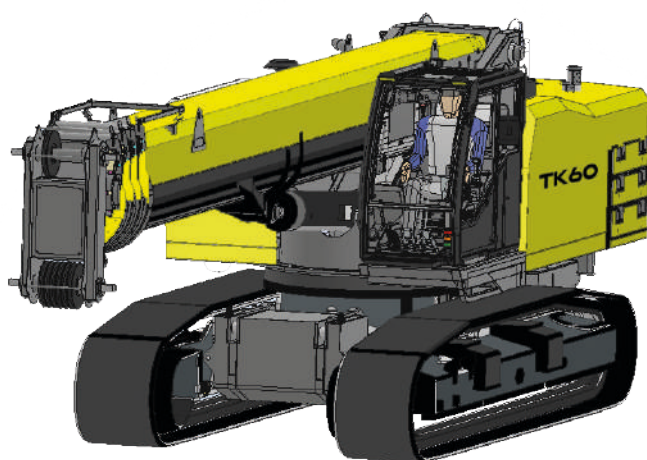




TK60

CRAWLER CRANE



60 t
MAX LOAD CAPACITY

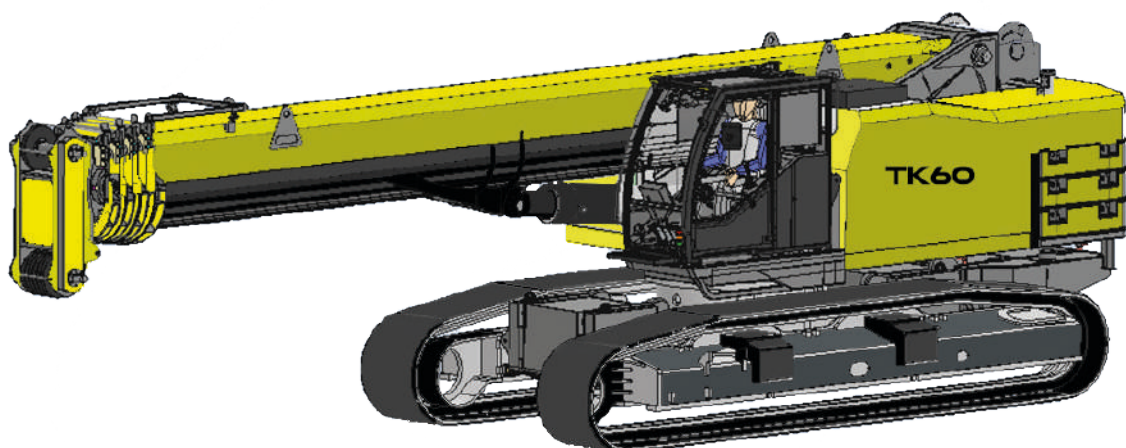
41 m
MAX LIFTING HEIGHT

2,7 km/h
MAX SPEED

58/60 t
TOTAL WEIGHT

168 kW
ENGINE

The TK60 is a telescopic crawler crane designed for heavy lifting operations in construction and industrial sites, providing excellent stability even on challenging terrain thanks to its crawler tracks. It is equipped with a modular boom and a high-performance hydraulic system that ensures precise and smooth movements. The ergonomic cab and advanced safety systems provide operator comfort and enhanced control. The TK60 is ideal for structural work, foundation projects, and complex installation operations.



TECHNICAL FEATURES · OPERATING SPEED · DIMENSIONS	Maximum load capacity	60	t
	Capacity class	60	t
	Maximum lifting height	41	m
	Main winch rope	18	m
	Auxiliary winch rope	16	m
	Hook	40	t
	Upper structure rotation speed	0-2	min
	Maximum speed	2,7	km/h
	Emissions	EU 2016/1628	
	Total weight	58/60	t
	Total size	12 x 3 x 3.195	m
	Boom lenght	40	m
	Extension 1	14	m
	Extension 2	7	m

EQUIPMENT

UNDERCARRIAGE

Undercarriage	Hydraulically extendable. Tracks with 700 mm pads.
Travel	Hydraulic travel drive controlled by a Danfoss control unit. Two pumps and two closed-circuit motors allow it to reach 4 km/h. The machine is equipped with an anti-dumping filter to absorb the oscillations on the pedal and on the steering wheel during the work phase.
Electrical system	CAN Bus data transmission. 24 Volt direct current.

DRIVING

Driving	Ergonomic driving system with electronic foot controls. Dual Path mode with active counter-rotation. Automatic/manual Park Brake management.
Operator's cab	Cab equipped with a hinged door. Front and upper glass with windshield wiper. Corrosion-resistant paint. Wide visibility for various working conditions. Opening front window, openable skylight, and sunshade for the skylight.
Comfort	Air conditioning, heating, and an air-suspended seat. Safety belt. USB port. Ample cab interior lighting.
Lighting	- 2 integrated lights at the front section of the cab roof - 1 LED spotlight on the right side of the upper carriage

BOOM

Telescopic boom	High-strength steel. 1 base section + 4 synchronized telescopic sections.
Boom extension cylinder	One single-stage cylinder.
Boom length	40 m

LIFTING

Pick & Carry	40/45 ton
Travel and lifting	Lifting capacity up to 1,000 kg with free track width. Dedicated lifting program for equipment handling and transfer.

UPPER STRUCTURE

Chassis	Anti-torsion welded structure, in high-strength steel.
Rotation	Continuous 360° using axial piston hydraulic motor. Planetary gearbox with internal toothed fifth wheel and double row of balls. Multiple disc negative brake.
Control	Hydraulically operated manipulators with the possibility of simultaneous proportional maneuvers.
Lifting winch	Variable displacement axial piston engine. Lifting drum with integrated planetary gearbox and parking brake with multiple discs. Block valve and descent control. Cable gland to improve the winding of the rope on the drum.
Hydraulic system	Open circuit system with axial piston hydraulic pumps. Proportional hydraulic distributors with load sensing power regulation. Possibility of performing multiple maneuvers simultaneously. Heat exchanger for oil cooling. Oil filtering through 1 cartridge filter on the return circuit.
Hydraulic oil tank	600/700 l
Electrical system	24 V power supply. CAN Bus vehicle management network. 2 batteries, each with 143Ah.
Safety devices	Electronic load moment indicator. Work area limitation. Telematics system with data connection and remote diagnostics. ISO-compliant warning and safety signs. Portable fire extinguisher.
Ballast	- 10 ton on upper structure - 5 ton on undercarriage
Cameras	- 2 cameras located on the rear to increase visibility during tight maneuvers - 1 camera to monitor the rope winding on the winch

ENGINE

Engine	Cummins B 6.7 Stage V- Tier 4f- 168 kW@2200rpm.
Diesel tank	400 l
Def tank	38 l

TABLE 01

RADIUS (m)	BOOM LENGHT (m)										
	10,50	16,30	20,60	24,80	29,00	33,20	37,40	40,00			MAX
3,0	60000	43000									60000
3,5	54000	43000	38000								54000
4,0	52000	43000	35000	29000							52000
4,5	50000	43000	33000	28000	27000						50000
5,0	44000	40000	31000	27500	27000						44000
5,5	38000	36500	28000	25500	27000						38000
6,0	32500	32500	27000	24500	27000	22000					32500
7,0	25000	26000	24500	22000	22500	20000	19000				26000
8,0	20000	20500	21000	19500	19500	18000	16800	15000			21000
9,0		17000	17500	17000	17000	16000	14500	14000			17500
10,0		14500	14500	14500	14500	14000	13600	12800			14500
11,0		11200	11500	11800	12500	12400	12000	11200			12500
12,0		9800	10000	11000	11000	11000	10700	10400			11000
14,0			7800	8400	8500	8500	8700	8500			8700
16,0			5500	6500	6700	6900	6900	6900			6900
18,0				5000	5200	5300	5500	5600			5600
20,0				3800	4100	4300	4500	4500			4500
22,0					3100	3500	3700	3700			3700
24,0						2800	2900	2900			2900
26,0						2200	2300	2300			2300
28,0							1800	1900			1900
30,0							1300	1400			1400
32,0								1000			1000
34,0								700			700
36,0											0
38,0											0
I	0	1450	2525	3575	4625	5675	6725	7375	2850	5700	
II	0	1450	2525	3575	4625	5675	6725	7375	5700	5700	
Reeving	12	10	8	8	6	5	4	4	4	4	

OPTIONAL

- Auxiliary winch
- Jib: 1.5 m
- Jib: 6 m - foldable and adjustable from 0° to 20°
- Tilting cab
- Industry 4.0 kit
- Cameras / additional headlights kit
- Electric fuel pump
- Radio remote control for loading and unloading
- Custom paint finish
- Rubber track pads kit
- AI camera
- Rope containment kit
- Toolbox on undercarriage
- Steering wheel control for crawler travel

All data, technical characteristics and information reported in this document are for informational purposes and are subject to change without any prior notice requirement. All specifications described do not constitute a guarantee since the performance of the machine varies depending on use.

Machine illustrations may contain optional and additional equipment. The dimensional data refers to average reference measurements indicated for informational purposes only.

The commissioning of the machine and its correct use require compliance with the use and maintenance manual. The weights of hooks, blocks and all lifting accessories are part of the load and must be deducted from the loads indicated.

Please contact TeknoGRC for more information regarding optional and additional equipment.

OUR RANGE



TK10



TK20



TK30



TK40



TK40 HD



TK60



TK45 LS



TK35 T



CG 2040

Do you need a custom crane? We make machinery on request specific to the customer's needs.
For more information, contact us at the e-mail address info@teknogrc.it



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