



Mounted Long Reach Excavators

18-21 Metric-Ton Long Reach Upper Shown

14-17 Metric-Ton

*Handy Transportable Unit. 13.0 m (42.5 ft) reach very practical in wetland areas.**

18-21 Metric-Ton

*Most Popular Long Reach Model. Over 15 m (51.0 ft) ground level reach. Good combination of reach and bucket capacity.**

22-24 Metric-Ton

*Exceeds 18.0 m (60.5 ft) Ground Level Reach. Production solution on larger canals.**

Long Reach excavators use:

- ❖ standard machine counterweights
- ❖ larger size pontoon

Compare to the same Kori mounted model with a standard reach front.



* Based on Caterpillar excavators. Will vary with make and model of excavator.

Sunland-Kori Services Equipment Cross-Reference List

Kori Pontoon Model	Metric-Ton	Case	Caterpillar	Daewoo	Hitachi	Hyundai	John Deere	JCB	Kobelco	Komatsu	Link-Belt	New Holland	Volvo
4550-3018	14 ~ 17	CX160	315C L	S170LC-V S175LC-V	ZX160LC	R140LC-7 R160LC-7	160CLC	JS160	SK160C-VI	PC150LC-6 PC160LC-6	160X	EC 160-LC	EC 150 EC 160B LC
5550-3018	18 ~ 21	CX210	318C L 320C L	S220LC-V S225LCV	ZX200LC	R180LC-7 R210LC-7	200CLC		ED 180 ED 190	PC200LC-7	210LX	EC 215-LC	EC 210B LC
5550-3018	22 ~ 24	CX225SR CX240	322C L	S250LC-V S255LC-V	ZX225USLC ZX230LC		225CLC RTS 230CLC	JS220	SK200SR SK210LC-VI	PC228USLC-3	225 240LX	sEC 240-LC	EC 240B LC

Construction - Kori Pontoons are manufactured from ASTM Cor-ten steel. Cor-ten steel is five to eight times more resistant to corrosion than ASTM A36 steel, thereby allowing the use of pontoons in brackish water without affecting the pontoon's structural integrity. The pontoon bottoms are also reinforced, for rough terrain operation. Each pontoon has six independent watertight compartments ensuring pontoon buoyancy should one compartment ever be punctured.

Track Shoes - Specially extruded 6061-T6 aluminum channel with thicker web and flanges, capable of supporting the pontoon and its payload. Two plastic support blocks bolt to each track shoe, to prevent shoe bending.

Track Chains - Three (3) strands of heavy duty 4 in. pitch track chain per pontoon. The track chain's hardened rollers run in special pontoon channels hard surfaced with Astralloy®. This system matches pontoon wear to roller wear and keeps the chain properly aligned.

Drive Chains - High-strength, heavy-duty offset drive chain transfers power from the final drive output to the main sprocket that drives each track.

Hydrostatic Drive - The pontoon tracks are powered by the excavator's diesel engine and main hydraulic pumps. Each pontoon's sealed planetary final drive receives hydraulic power from it's independent hydraulic motor. Travel controls operate like a normal excavator.



Range Dimensions with Long Reach Boom & Stick

Long Reach Model	14-17 Metric-Ton	18-21 Metric-Ton	22-24 Metric-Ton
A-Maximum Cutting Height*	11.60 m (38.16 ft)	13.30 m (43.55 ft)	14.07 m (46.17 ft)
B-Maximum Reach at Ground Level*	13.00 m (42.5 ft)	16.54 m (54.25 ft)	18.40 m (60.5 ft)
C-Maximum Digging Depth*	10.10 m (32.16 ft)	11.90 m (39.00 ft)	12.44 m (40.83 ft)
Machine Weight*	27.58 mt (60,675 lb)	34.80 mt (76,556 lb)	47.71 mt (98,358 lb)
Bucket Capacity*	500 l (0.65 yd ³)	600 l (0.78 yd ³)	480 l (0.63 yd ³)
Kori Pontoon Model	4550-3018	5550-3018	5550-3018

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