

KENGURU

Compactors



Red stands for quality



KENGURU Compactors – Fast, efficient and economic compacting

KENGURU boom mounted compactor plates offer models suitable for a wide range of applications, from working in narrow trenches to large backfill operations and provide the most efficient means for vertical and inclined compaction. Whether you own a small backhoe or a large crawler excavator, it is simple to connect a Kenguru compactor to your machine's existing hydraulic hammer line.



Simple to operate

As the vibration produced by rotating the eccentric combined with the downwards pressure of the carrier generates impulse force to be placed wherever your boom will reach. This enables you to compact most soil types to required density levels in efficient lift capacities. Built-in priority valve system monitors the oil flow, providing the correct volume to obtain maximum performance by the compaction plate and avoiding damage to the hydraulic motor due to excessive flow.

Most efficient compacting plate on the market

The KENGURU compacting plate is compacting up to 90 per cent at a depth of 75 cm.



Accessories

Mechanical 360° rotation device is available for all models as an option. Hydraulic version is also available for certain models.

PC30 Pile Clamp Reliable accessory to Kenguru Compactors

As an optional extra to the three biggest Kenguru models TL201 (760 kg), TL250 (830 kg) and TL301 (940 kg), it is possible to mount a hydraulic pile clamp to extend the versatility of the compactors even more. It is best applied to steel sheet pile driving. Due to its narrow construction, it can well be applied to various steel pile profiles.



For post driving, PD Clamps offers simple but effective one person operation to pick up, place and drive posts from 50 mm to 300 mm diameter. It has a self locking mechanism in the event of pressure loss.

PC30 Pile Clamp		PD1 Post Clamp		PD2 Post Clamp	
Weight	250 kg	88 kg		180 kg	
Pressure	30 t / 250 Bar	Force 4.25 t / 200 Bar		6 t / 200 Bar	
Chuck jaw opening	50 mm	Capacity 50 mm - 130 mm posts		125 mm - 300 mm posts	

KENGURU	TL15	TL31	TL51	TL100	TL201	TL201HF	TL250	TL301
Weight, kg	105	200	330	490	760	760	830	940
Plate size, W x L, mm	285 x 498	310 x 670	450 x 856	590 x 915	700 x 990	700 x 990	690 x 990	840 x 1000
Plate total length	654	819	997	1127	1278	1278	1278	1289
Height, mm	365	480	566	620	722	722	780	807
Plate coverage, m ²	0.14	0.21	0.39	0.54	0.69	0.69	0.69	0.84
Vibrating force, kg	900	1575	2900	3950	8100	8250	8100	10900
Vibrating frequency, n/min	2500	2500	2300	2300	2300	3000	2300	2100
Oil flow, l/min	20	35 - 70	50 - 100	70 - 125	95 - 150	135 - 210	150 - 210	150 - 210
Pressure, bar	140	140	140	140	140	140	140	140
Tank pressure, max	7	7	15	15	15	15	15	15
Pressure line relief valve, bar	175	175	175	175	175	175	175	175
Recommended carrier weight, tons	0.75 - 2.0	1.5 - 4	3 - 7.5	7 - 13	12 - 22	12 - 22	18 - 40	18 - 60

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RamBooms Oy is a member of MRB-Holding Oy together with Marakon (www.marakon.fi). RamBooms is the manufacturer of the compactor plates and the breaker boom systems.



Ram
Booms

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