



KNIKMOPS

KM90-100



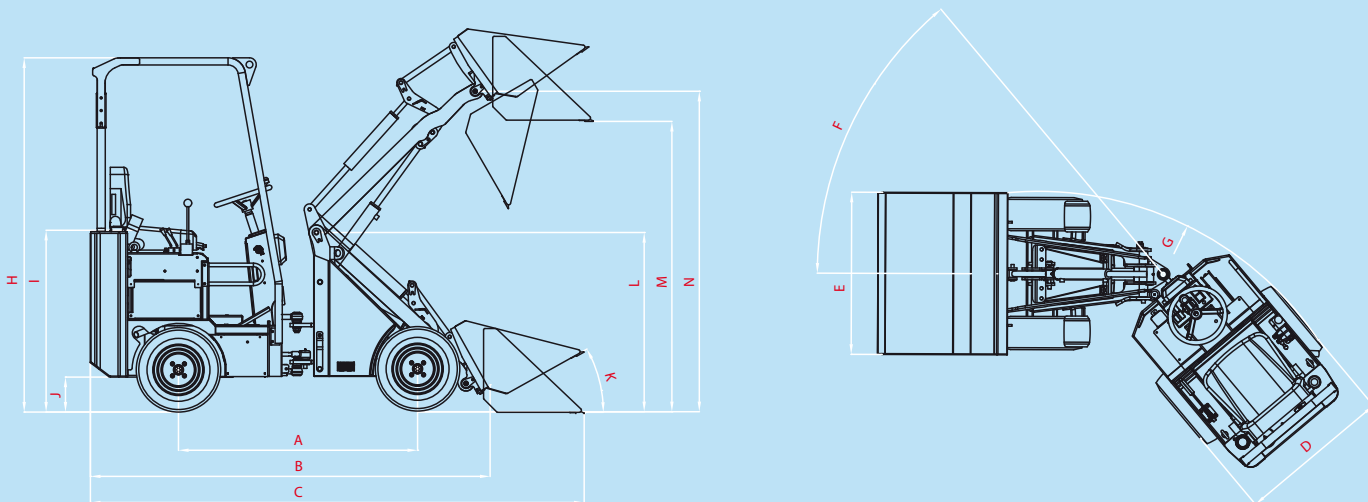
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TECHNICAL SPECIFICATION

KM90-100



		KM90	KM90TE	KM100	KM100TE
A	[mm]	Wheelbase	1445	1445	1445
B	[mm]	Chassis length	2400	2400	2400
C	[mm]	Total length with shovel bucket	2940	2940	2940
D	[mm]	Overall width	930/1180	930/1180	930/1180
E	[mm]	Shovel bucket width	960/1250	960/1250	960/1250
F	[°]	Turning angle maximum	45	45	45
G	[mm]	Turning radius outside edge	2380	2380	2380
H	[mm]	Rollbar height / ROPS FOPS height	2225/2250	2225/2250	2225/2250
I	[mm]	Seat height	1125	1125	1125
J	[mm]	Ground clearance	245	245	245
K	[°]	Tipping-in angle from ground surface	32	32	32
L	[mm]	Frame height	1165	1165	1165
M	[mm]	Transfer height	1775	1775/2230*	1775/2230*
N	[mm]	Shovel bucket rotation point, maximum	2030	2030/2425*	2030/2425*
	[L]	Fuel tank capacity	33	33	33
		Diesel engine type (Kubota)	D1105	D1105	D1105
	[kw/hp]	Engine power	19/25	19/25	19/25
		Number of cylinders	3	3	3
		Drive hydraulics	Plungerpump	Plungerpump	Plungerpump
		Wheeldrive	Orbitmotor	Orbitmotor	Plungermotor
	[L/min]	Output of work hydraulics	28	28	28
	[bar]	Pressure of work hydraulics	180	180	180
	[kg]	Service weight without attachment	950	1000	1050
	[kg]	Lifting force	650	625	700
	[kg]	Breakout force	750	725	800
	[km/h]	Topspeed	16	16	18

Telescopic arm in / Telescopic arm out*

	1	2	3	4	5	6	7
KM90 not buckled	930	850	660	540	1020	950	680
with a counterweight 100 kg	930	850	730	690	1020	950	710
KM90 30° buckled	760	600	460	360	920	660	490
with a counterweight 100 kg	930	730	530	430	920	800	610
KM90TE not buckled	930	850	660	540	1020	950	680
with a counterweight 100 kg	930	850	730	690	1020	950	720
KM90TE 30° buckled	760	600	460	360	920	660	490
with a counterweight 100 kg	930	730	530	430	920	800	610

