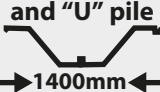



# TECHNICAL DATA OF RaMeC SGV:

(S = side, G = grip, V = vibrator)

Model in horsepower <sup>1)</sup>	RaMeC SGV 50-60 <sup>1)</sup>	RaMeC SGV 70 <sup>1)</sup>	RaMeC SGV 90 <sup>1)</sup>	RaMeC SGV 100 <sup>1)</sup>	RaMeC SGV 110 <sup>1)</sup>	RaMeC SGV 150 <sup>1)</sup>	RaMeC SGV 190 <sup>1)</sup>
Weight <sup>2)</sup>	1600 kg 3200 lb	2400 kg 4800 lb	2500 kg 5000 lb	2500 kg 5000 lb	2550 kg 5100 lb	2600 kg 3200 lb	2650 kg 3300 lb
Hydraulic power (vibra-force ton) <sup>1)</sup>	53 hp (30-40)	67 hp (50)	92 hp (60)	104 hp (70)	112 hp (80)	150 hp (90)	190 hp (110)
Excavator class (ton) <sup>3)</sup>	10-14 <sup>3)</sup>	16-20 <sup>3)</sup>	18-20 <sup>3)</sup>	20-25 <sup>3)</sup>	25-30 <sup>3)</sup>	30-36 <sup>3)</sup>	40-43 <sup>3)</sup>
Engine power	82 hp	102 hp	141 hp	160 hp	172 hp	221 hp	277 hp
Oil-flow	120 l/min 30 gal/min	120 l/min 30 gal/min	180 l/min 45 gal/min	180 l/min 45 gal/min	180 l/min 45 gal/min	240 l/min 60 gal/min	300 l/min 75 gal/min
Working pressure	200 bar 2900 psi	250 bar 3650 psi	230 bar 3360 psi	260 bar 3650 psi	280 bar 3950 psi	270 bar 3950 psi	270 bar 3950 psi
Pressure setting	250 bar 3650 psi	300 bar 4400 psi	300 bar 4400 psi	300 bar 4400 psi	300 bar 4400 psi	300 bar 4400 psi	300 bar 4400 psi
Pile length	12 m 36 ft	16 m 48 ft	16 m 48 ft	16 m 48 ft	16 m 48 ft	16 m 48 ft	16 m 48 ft
Pile weight	2000 kg 4000 lb	3000 kg 6000 lb	3000 kg 6000 lb	3000 kg 6000 lb	3000 kg 6000 lb	3000 kg 6000 lb	3000 kg 6000 lb
Pipe diameter	324 mm 12 inch	406 mm 16 inch	610 mm 16 inch	406-610 mm <sup>4)</sup> 16-24 inch <sup>4)</sup>	406-610 mm <sup>4)</sup> 16-24 inch <sup>4)</sup>	406-610 mm <sup>4)</sup> 16-24 inch <sup>4)</sup>	406-610 mm <sup>4)</sup> 16-24 inch <sup>4)</sup>
Double "Z" and "U" pile 	No	No	No	Yes <sup>6)</sup>	Yes <sup>6)</sup>	Yes <sup>6)</sup>	Yes <sup>6)</sup>
Wide profile 	No	No	No	Yes <sup>7)</sup>	Yes <sup>7)</sup>	Yes <sup>7)</sup>	Yes <sup>7)</sup>
Plastic piles	Yes <sup>4)</sup>	Yes <sup>4)</sup>	Yes <sup>4)</sup>	Yes <sup>4)</sup>	Yes <sup>4)</sup>	Yes <sup>4)</sup>	Yes <sup>4)</sup>
RaMeC's special	Trench <sup>5)</sup>	Trench <sup>5)</sup>	Trench <sup>5)</sup>	Trench <sup>5)</sup>	Trench <sup>5)</sup>	Trench <sup>5)</sup>	Trench <sup>5)</sup>

<sup>1)</sup> The "intake" hydraulic power is the only correct way to compare different kind of vibrators. RaMeC "centric hit" is the ONLY vibrator also increasing vibrators efficiency. RaMeC needs less power for same results

<sup>2)</sup> Without adapter

<sup>3)</sup> See the engine power

<sup>4)</sup> Special RaMeC can hit any pipe up to 610mm (24"), double Z-profiles and wide piles

<sup>5)</sup> RaMeC's trench team needs 1 excavator, 1 quick hitch, 1 bucket, **RaMeC, RaMeC drum compactor** and 2 men

<sup>6)</sup> 1500-1600 mm (60 in) wide double Z profiles to be driven from the middle is possible -> ask for special RaMeC

<sup>7)</sup> 1500-1600 mm wide piles (6-8 mm wall thickness) are possible to drive from the middle of the pile without breaking the pile's end - ask for special RaMeC