

Side grip pile drivers

Selection

1. **Pile type** handling capacity of MOVAX, pile cross-sectional dimensions, pile material
2. **Soil** estimated penetration rate on non-cohesive soil
3. **Carrier** optimized power and stability

PENETRATION RATE (indicative)

MOVAX Side grip pile drivers

Centrifugal force kN		150			300			450			600			750		
		Loose	Medium Dense	Dense	Loose	Medium Dense	Dense	Loose	Medium Dense	Dense	Loose	Medium Dense	Dense	Loose	Medium Dense	Dense
Soil Type		Loose	Medium Dense	Dense	Loose	Medium Dense	Dense	Loose	Medium Dense	Dense	Loose	Medium Dense	Dense	Loose	Medium Dense	Dense
SPT N-value*		0-10	10-20	20-30	0-10	10-20	20-30	0-10	10-20	20-30	0-10	10-20	20-30	0-10	10-20	20-30
CPT qc (Mpa)**		0-30	30-60	60-90	0-30	30-60	60-90	0-30	30-60	60-90	0-30	30-60	60-90	0-30	30-60	60-90
Depth (m)	1															
	2															
	3															
	4															
	5															
	6															
	7															
	8															
	9															
	10															
	11															
	12															
	13															
	14															
	15															
	16															



NOTE!

This chart provides only an indication of the driveability!

The chart is based on 600 mm wide sheet piles.

The size and weight of the pile will effect the result, and also soil type clay, silt, sand, moraine has an effect on driveability.

* https://en.wikipedia.org/wiki/Standard_penetration_test

** https://en.wikipedia.org/wiki/Cone_penetration_test

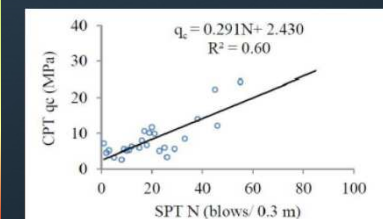


Fig. 2 Relationship between qc and N for Fine Sand (SP) soil