

PERHITUNGAN DAYA TEKAN ALAT 120 TON

* Konversi 1 MPA = 10.197 kg/cm²

* Diameter tabung hydraulic = 20 cm

Mpa	Perhitungan	Hasil Hydraulic Depan	Hasil Hydraulic Tengah
P 1 Mpa	2 Tabung X Luas X 10.197 kg/cm ²		
	2 X (3.14 X 10 cm X 10 cm) X 10.197 kg/cm ²	3.202 kg	6.403 kg
P 2 Mpa	2 X 6.403 kg	6.403 kg	12.806 kg
P 3 Mpa	3 X 6.403 kg	9.605 kg	19.209 kg
P 4 Mpa	4 X 6.403 kg	12.806 kg	25.612 kg
P 5 Mpa	5 X 6.403 kg	16.008 kg	32.015 kg
P 6 Mpa	6 X 6.403 kg	19.209 kg	38.418 kg
P 7 Mpa	7 X 6.403 kg	22.411 kg	44.821 kg
P 8 Mpa	8 X 6.403 kg	25.612 kg	51.224 kg
P 9 Mpa	9 X 6.403 kg	28.814 kg	57.627 kg
P 10 Mpa	10 X 6.403 kg	32.015 kg	64.030 kg
P 11 Mpa	11 X 6.403 kg	35.217 kg	70.433 kg
P 12 Mpa	12 X 6.403 kg	38.418 kg	76.836 kg
P 13 Mpa	13 X 6.403 kg	41.620 kg	83.239 kg
P 14 Mpa	14 X 6.403 kg	44.821 kg	89.642 kg
P 15 Mpa	15 X 6.403 kg	48.023 kg	96.045 kg
P 16 Mpa	16 X 6.403 kg	51.224 kg	102.448 kg
P 17 Mpa	17 X 6.403 kg	54.426 kg	108.851 kg
P 18 Mpa	18 X 6.403 kg	57.627 kg	115.254 kg
P 19 Mpa	19 X 6.403 kg	60.829 kg	121.657 kg
P 20 Mpa	20 X 6.403 kg	64.030 kg	128.060 kg

Surabaya, 17 Juli 2013

PT. Bumindo Sakti



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EXCELLENT QUALITY OF MINI PILE
AND PILING WORK
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PERHITUNGAN DAYA TEKAN ALAT 90 TON

* Konversi 1 MPA = 10.197 kg/cm²

* Diameter tabung hydraulic = 18 cm

Mpa	Perhitungan	Hasil Hydraulic Depan	Hasil Hydraulic Tengah
P 1 Mpa	2 Tabung X Luas X 10.197 kg/cm ²		
	2 X (3.14 X 9 cm X 9 cm) X 10.197 kg/cm ²	2.594 kg	5.187 kg
P 2 Mpa	2 X 5.187 kg	5.187 kg	10.374 kg
P 3 Mpa	3 X 5.187 kg	7.781 kg	15.561 kg
P 4 Mpa	4 X 5.187 kg	10.374 kg	20.748 kg
P 5 Mpa	5 X 5.187 kg	12.968 kg	25.935 kg
P 6 Mpa	6 X 5.187 kg	15.561 kg	31.122 kg
P 7 Mpa	7 X 5.187 kg	18.155 kg	36.309 kg
P 8 Mpa	8 X 5.187 kg	20.748 kg	41.496 kg
P 9 Mpa	9 X 5.187 kg	23.342 kg	46.683 kg
P 10 Mpa	10 X 5.187 kg	25.935 kg	51.870 kg
P 11 Mpa	11 X 5.187 kg	28.529 kg	57.057 kg
P 12 Mpa	12 X 5.187 kg	31.122 kg	62.244 kg
P 13 Mpa	13 X 5.187 kg	33.716 kg	67.431 kg
P 14 Mpa	14 X 5.187 kg	36.309 kg	72.618 kg
P 15 Mpa	15 X 5.187 kg	38.903 kg	77.805 kg
P 16 Mpa	16 X 5.187 kg	41.496 kg	82.992 kg
P 17 Mpa	17 X 5.187 kg	44.090 kg	88.179 kg
P 18 Mpa	18 X 5.187 kg	46.683 kg	93.366 kg
P 19 Mpa	19 X 5.187 kg	49.277 kg	98.553 kg
P 20 Mpa	20 X 5.187 kg	51.870 kg	103.740 kg

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