

Berminghammer

FOUNDATION EQUIPMENT

Model B-5505



Features

- Remote Throttle - infinitely controllable energy
- Clean Combustion- Low Emissions
- Fuel injection
- Easy Start in soft driving
- Available with hydraulic trip
- Free-standing operation
- Specialty driving adapters
- Optional Kinetic Energy Monitor
- Optional Energy Control System (patented)
- Environmentally friendly (no-drip operation, bio-fuels and oils)

Operational Specifications

Ram Mass:	9,200 lbs (4 180 kg)
Rated Energy:	105,900 ft•lbs (146 kJ)
Stroke at Rated Energy:	11.5 ft (3.5 m) 35 blows per minute
Maximum Physical Stroke:	13.0 ft (4.0 m)
Range of Operation:	4.5-11.5 ft (1.4-3.5 m) 56-35 blows per minute
Kinetic Energy at Rated Stroke:	66,000 ft-lbs (89 kJ)
Hammer Weight - bare hammer:	21,300 lbs (9 680 kg)
Weight with Typical USA-Style Box Lead Guides:	21,750 lbs (9 890 kg) 32 in (813 mm) guides
Typical Direct-Drive Housing:	1,850 lbs (840 kg) 24.5 in (620 mm) opening
Total Typical Operating Weight:	23,600 lbs (10 730 kg) (with guides, trip, and drive housing)
Fuel Tank Capacity:	37.0 US Gal. (140 L)
Oil Tank Capacity:	8.7 US Gal. (33 L)
Overall Length:	19.2 ft (5.8 m)
Length including Direct-Drive Housing:	21.6 ft (6.6 m)
Minimum Box Lead size:	32 in (813 mm)



BERMINGHAM

**FOUNDATION SOLUTIONS
SINCE 1897**

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English Units

B-5505		9,200 lb Piston	
BPM	Stroke (ft)	Potential Energy (ft•lb)	Velocity (ft/s)
35	11.8	108,560	22.5
36	11.2	103,040	22.0
37	10.6	97,520	21.5
38	10.0	92,000	21.0
39	9.5	87,400	20.5
40	9.1	83,720	20.0
41	8.6	79,120	19.5
42	8.2	75,440	19.0
43	7.8	71,760	18.5
44	7.5	69,000	18.0
45	7.2	66,240	17.5
46	6.9	63,480	17.0
47	6.6	60,720	16.5
48	6.3	57,960	16.0
49	6.0	55,200	15.5
50	5.8	53,360	15.0
51	5.6	51,520	14.6
52	5.4	49,680	14.2
53	5.2	47,840	13.8
54	5.0	46,000	13.4
55	4.8	44,160	13.0
56	4.6	42,320	12.6

SI Units

B-5505		4 200 kg Piston	
BPM	Stroke (m)	Potential Energy (kJ)	Velocity (m/s)
35	3.60	148	6.9
36	3.41	140	6.7
37	3.23	133	6.6
38	3.05	126	6.4
39	2.90	119	6.3
40	2.77	114	6.1
41	2.62	108	5.9
42	2.50	103	5.8
43	2.38	98.1	5.6
44	2.29	94.4	5.5
45	2.20	90.6	5.3
46	2.10	86.5	5.2
47	2.01	82.8	5.0
48	1.92	79.1	4.9
49	1.83	75.4	4.7
50	1.77	72.9	4.6
51	1.71	70.5	4.5
52	1.65	68.0	4.3
53	1.59	65.5	4.2
54	1.52	62.6	4.1
55	1.46	60.2	4.0
56	1.40	57.7	3.8



Stroke height is a function of soil resistance and may not be attainable in certain driving conditions.
 Standard Operating Range.