Berminghammer
FOUNDATION EQUIPMENT

Model B-32

Clean Series *2005*

Features

- ☐ Remote Throttle – infinitely controlable 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:	7,050 lbs (3 200 kg)
Rated Energy:	81,080 ft▪lbs (110 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:	50,040 ft-lbs (67.8 kJ)
Hammer Weight – bare hammer:	14,110 lbs (6 400 kg)
Weight with Typical USA-Style Box Lead Guides:	14,570 lbs (6 610 kg) 26 in (660 mm) guides
Typical Direct-Drive Housing:	1,850 lbs (840 kg) 21 in (530 mm) opening
Total Typical Operating Weight:	16,420 lbs (7 450 kg) (with guides, trip, and drive housing)
Fuel Tank Capacity:	19.0 US Gal. (72 L)
Oil Tank Capacity:	6.5 US Gal. (25 L)
Overall Length:	20.1 ft (6.1 m)
Length including Direct-Drive Housing:	21.7 ft (6.6 m)
Minimum Box Lead size:	26 in (660 mm)

BERMINGHAM
FOUNDATION SOLUTIONS
SINCE 1897

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English Units

B-32		7,050 lb Piston	
BPM	Stroke (ft)	Potential Energy (ft•lb)	Velocity (ft/s)
35	11.8	83,190	22.5
36	11.2	78,960	22.0
37	10.6	74,730	21.5
38	10.0	70,500	21.0
39	9.5	66,980	20.5
40	9.1	64,160	20.0
41	8.6	60,630	19.5
42	8.2	57,810	19.0
43	7.8	54,990	18.5
44	7.5	52,880	18.0
45	7.2	50,760	17.5
46	6.9	48,650	17.0
47	6.6	46,530	16.5
48	6.3	44,420	16.0
49	6.0	42,300	15.5
50	5.8	40,890	15.0
51	5.6	39,480	14.6
52	5.4	38,070	14.2
53	5.2	36,660	13.8
54	5.0	35,250	13.4
55	4.8	33,840	13.0
56	4.6	32,430	12.6

SI Units

B-32		3 200 kg Piston	
BPM	Stroke (m)	Potential Energy (kJ)	Velocity (m/s)
35	3.60	113	6.9
36	3.41	107	6.7
37	3.23	101	6.6
38	3.05	95.7	6.4
39	2.90	91.0	6.3
40	2.77	87.0	6.1
41	2.62	82.2	5.9
42	2.50	78.5	5.8
43	2.38	74.7	5.6
44	2.29	71.9	5.5
45	2.20	69.1	5.3
46	2.10	65.9	5.2
47	2.01	63.1	5.0
48	1.92	60.3	4.9
49	1.83	57.4	4.7
50	1.77	55.6	4.6
51	1.71	53.7	4.5
52	1.65	51.8	4.3
53	1.59	49.9	4.2
54	1.52	47.7	4.1
55	1.46	45.8	4.0
56	1.40	43.9	3.8

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