

STONE CUTTER

(Battery operated)

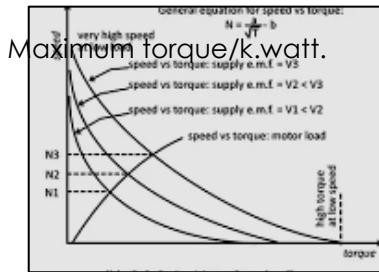
MBOSC series

Introduction:

SPEM series of battery operated stone cutter machines are available in more than 5 different modes, virtually offering solutions to high speed/torque control applications for stone cutting, petrochemical, automobile, organic/inorganic chemical, milk plant, sugar, textiles, beverages, water management/treatment, non conventional energy management applications, nuclear and defense and many other research & development applications. Company also offers cascade -feedback control chopper drive system, which can be interactively coupled to drive the multi motors system in synchronous mode with high degree of resolution.

Feature:

- Compact and energy efficient, low noise
- Dynamically balanced & vibration-less motion
- Inherent self-braking acting action, thus less hunting.
- High battery back to as much 4-5 hours



SPEED Vs torque characteristic of drill m/c

MBOSC002

MBODSC005

ELECTRICAL/MECHANICAL SPECIFICATIONS OF BATTERY OPERATED stone cutter

POWER <2000 Watts

MODEL	Watts	R.P.M.X 100	Torque N.m	Volts D.C.	Amps D.C.	Back up-hrs	Battery Amp-hrs
MBOSC-002	200.0	09/15	1.26/0.63 x15	12/24/option	16.6/8.3	1.0	14
MBOSC-003	300.0	09/15	3.15/1.55 x15	24/36/option	21.4/13.0	1.5	28
MBODSC-005	500.0	09/15	6.3/3.15 x15	48/36/option	32.4/21.1	1.0	24

Battery Operated Stone cutter

Operating voltage: 12/24 volts, d.c.

Frequency: n.d.

Temperature coefficient of variation: 10000 ppm

Overload: 25% for 5 min

Load compatibility: ferrous/non-ferrous

Torque egulation: ±1% or better for 0 to 100% change in current

rpm regulation: 1.0% of full voltageLoad: 0.1% of maximum voltage

voltage +500mV over specified input range)

(Input voltage: ± 1.0% of maximum current for a ± 10% input line change)

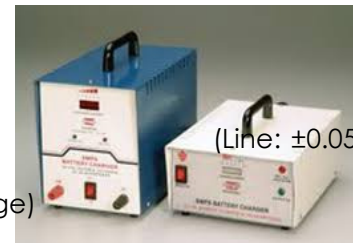
Control: 1.cascade mode feed back control (constant torque)

Protection: Current limit/Current trip

Isolation of 3kV DC or better should be provided between positive and ground (Body).

Other specs as indicated in datasheet.

Size: 10x8x8 inch, 2.6 k.g.



(Line: ±0.05% of full

MBOSC-005

MOTORON SEMICONDUCTORS CORPORATION

33, Shri nagar colony, Shakti nagar extension, DELHI-110052. Tel: 011-8800292956/23655454
motoron@hotmail.com