



# PORTABLE HYDRAULIC BANDING MACHINE

(AS PER DGMS TECHNICAL CIRCULAR / 04) Dated 28.09.2010

'NMC' Hydraulic Cappel Banding Machine has been developed to replace the traditional method of Sledge Hammering during Banding and Disbanding of FWRC. It should be used at the time of re-capping of FWRC.

## ADVANTAGES

- No sledge hammering action is needed. Accident due to flying off sledge hammer or slippage of drifts is avoided. Accident has taken place when the sledge hammer has slipped off the handle.
- No guessing game. A consistent pressure is ensured on every band.



## SPECIFICATION

Comprising of

- 1 no. Main frame of length 2000mm (approx.) fitted with one pc adaptor, slider, 2 nos. securing pin, banding adaptor
- Single lower cross headed plate
- RAM cross head assembly
- 2 no. high pressure hoses with quick release couplings 2 meter length.
- 1 no Two Speed light weight Hydraulic hand pump, 1<sup>st</sup> stage 13 BAR and 2<sup>nd</sup> stage 700 BAR. Weight 4.1 Kg approx.
- Two RAM cylinder of 10 tonne each
- One no. manifold 1 x 4 way.
- Two nos. pressure gauges calibrated in tones based upon combined ram area
- Machine should be capable of banding and disbanding both up to 32mm rope /10 Tonne.

**DGMS** (Tech. Circular) 04 Dated 28-09-2010. It meets the specification and requirement of above circular. (Copy enclosed)

**DGMS** Circular 04 has advised "in interest of the safety the portable hydraulic banding machines shall be used for safe banding and disbanding operations and discontinue sledge hammering to avoid damages to the cappel and rope. It is requested to ensure that the above recommendation is strictly implemented."



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