

Accident Relief Trains

Srinivasa Rao.D, M.Tech(I.M)

ADME/Dsl/KJM/SWR

TYPES OF ARTS

- A-Class ART
- B-Class ART

B-CLASS ART



A-Class ART



ART COMPOSITION

It consists of 5 Coaches plus 2 wagons

1. Mechanical Tool Van.

2. ART Staff cum kitchen Van

3. Electrical Generator Coach.

4. OHE materials Coach.

5. Miscellaneous (P. Way, S&T, RPF Staff and Guard cum BV coach.

6. One BRN Wagon

7. One BCN Wagon

Schedules for ART Coaches

- It is the duty of Mechanical Dept to Maintain ART Schedules irrespective of user department.
- POH-Every 48months(4Years)
- IOH-Every 12Months with compulsory wheel change.
- A, B Schedules monthly and 03Monthly.
- Trial Run :Every 03Months or 03Months from the last accident/mockdrill movement.
- Trial run to be conducted for 100Kms.

Various Tools available in ART

- 1.HRE Sets
- 2.Gas Cutting Equipments.
- 3.Plasma Cutting Equipments.
- 4.Air Compressor with Air Bags.
- 5.Fire Extinguishers(DCP), Water Mist type.
- 6.Various sizes of Wooden Packings.
- 7.Portable Aluminium Ladders.
- 8.Various Wire ropes and Nylon Ropes.
- 9.Tent Inflatable.
- 10.Inflatable Tower Lights.
- 11.SCBA.

Various Tools available in ART

12. Various Types of Tools.

13. Important coaching and wagon parts like Baby coupling, Screw coupling, BP, FP Pipes, Centre Pivot pins, Side frame keys, Knuckle pins etc.

14. Wheel Burrow.

15. Trifor.

16. Life Jackets and Floating rings.

17. Track Measuring tools

18. Video Camera and Still Camera.

19. Walkie-Talkies Etc.,

20. Re-Railing Ramps.

HRE is the main Equipment in ART

Types of HRE

1.MFD HRE operates on

i)Petrol ii) Diesel iii) Electrical

2.LUKAS HRE

3.BEMCO HRE

Plasma cutting Equipment(stainless Steels)



Oxy Acetylene Cutting Equipment



HRE with Electrical Prime Mover



Petrol Power Pack



Petrol Power Pack



Petrol Power Pack



Petrol Power Pack



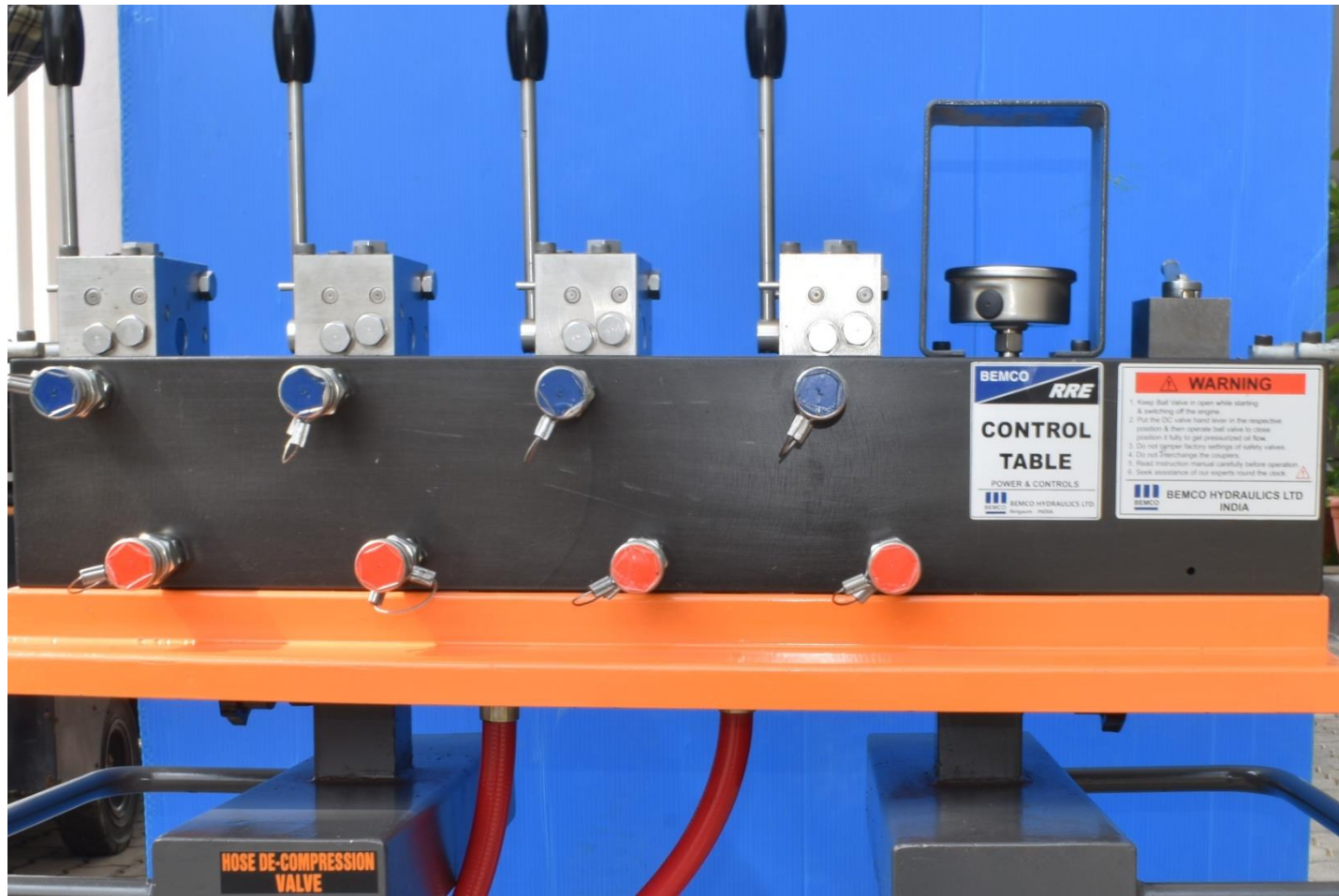
Petrol Power Pack specs



Control stand



Control stand



Control stand



BEMCO

RRE

**CONTROL
TABLE**

POWER & CONTROLS



BEMCO HYDRAULICS LTD.
Belgaum - INDIA.



WARNING

1. Keep Ball Valve in open while starting & switching off the engine.
2. Put the DC valve hand lever in the respective position & then operate ball valve to close position it fully to get pressurized oil flow.
3. Do not tamper factory settings of safety valves.
4. Do not interchange the couplers.
5. Read Instruction manual carefully before operation.
6. Seek assistance of our experts round the clock.



BEMCO HYDRAULICS LTD
INDIA

Control Stand



Hydraulic Jack(65/27T)



Hydraulic jack



Hydraulic jack



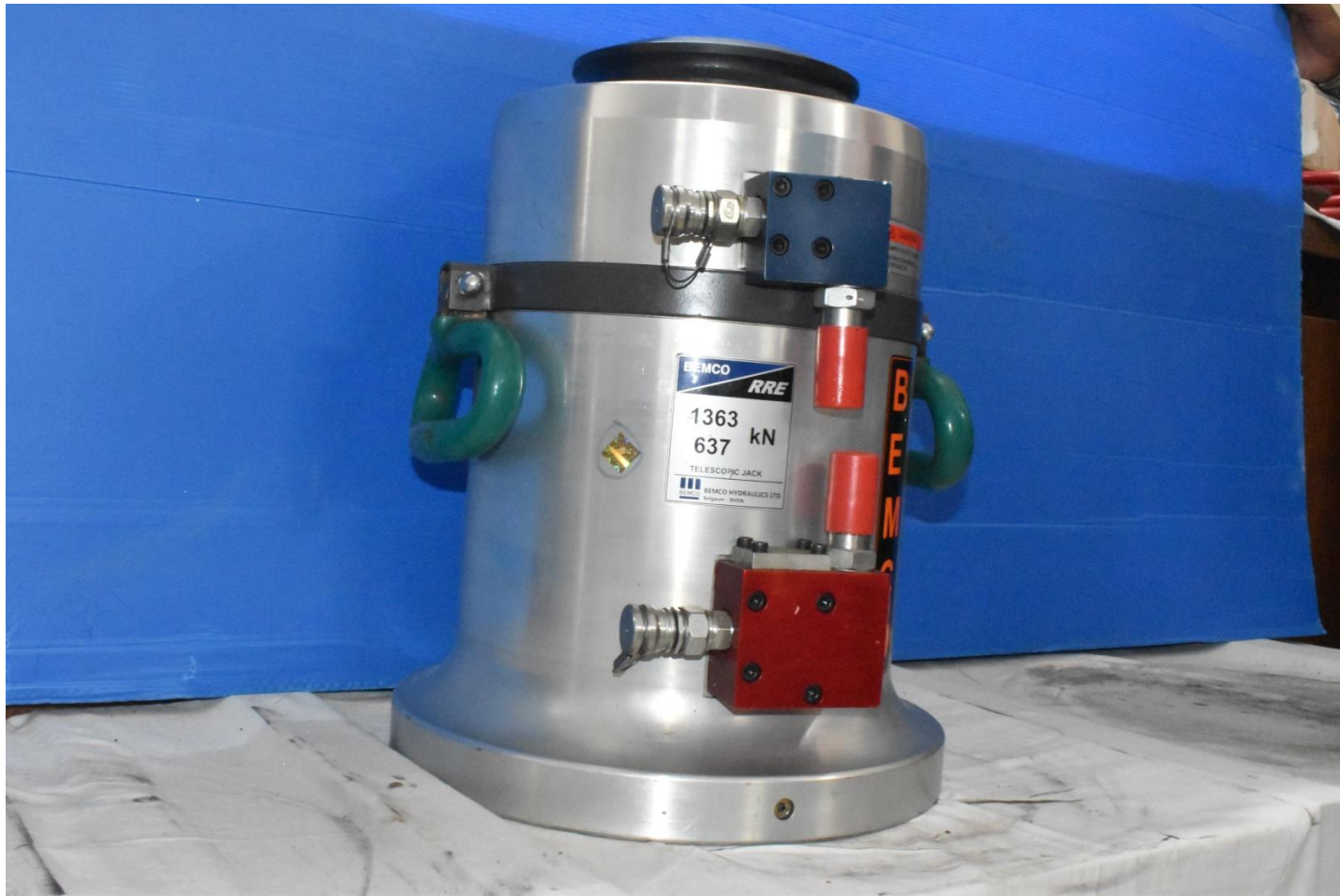
Different Hydraulic jacks



Hydraulic jack



Hydraulic Jack



Hydraulic Jack (Low const)



Hydraulic Jack (low)



High Pressure Hose



High Pressure Hoses



Aluminium Re railing Bridge



Aluminium Rerailing Bridge



Aluminium Rerailing Bridge



Aluminium Rerailing Bridge



Aluminium Rerailing Bridge



Hydraulic Step Jack



Hydraulic Step Jack



Distributor valve



Distributor Valve



AI Bridge expansion plates



Distance bars long



Distance bar(Short)



Hydraulic jack height extension pieces



Axle pusher



Mechanical Stopper



Hydraulic Hand pump



Hydraulic Hand Pump



Hydraulic Hand pump



Traversing Jack



Roller Carriage



Roller Carriage



ART VIDEOS