

## **PM3ED (3 STEERED AXLES EXTENSIBLE LOWBED SEMI-TRAILERS)**

- Payload: 45 ton
- 3 Automatic steering axle's
- Sideboards on gooseneck
- Hard wood
- Tydraulic displacement on ramps
- Tare: 12700 kg

### DIMENSIONS

- Length: total 13000 mm; low load deck 9220 mm + 6000 mm single extension
- Load deck width 2540 mm with twist side extensions to 3000 mm
- Gooseneck high: 1250 mm (standard). Other needed highs by request in order

### STEEL CHASSIS

- Extensible chassis composed by two parts. The main chassis with a fixed gooseneck is build in a classic way with two welded variable sections "I" profiles in high strength special steel that is linked with the internal chassis of the platform made in a caisson structure. The external chassis of the platform also made in high strength steel with a caisson structure that slide in special guides in the main chassis. Due to his special stepwise locking system (spaced 800 mm) the loading platform can be adjust to the relevant load
- A 5th wheel Tridex unit type HF-EG welded in the gooseneck chassis to drive the steering system of the axle's including a turntable and hydraulic rams, 2" king pin and steering wedge. In option 3,5" king pin. Greasing points are centralized on to a central greasing point. Allows to have 20 ton king pin load
- Mudguards with anti-spray protection
- Side under run protections

### LANDING GEAR

- 2 Speeds telescopic and self compensated (dynamic cap.: 24 ton; static cap.: 50 ton)

## ROLLING EQUIPMENT

- Pneumatic suspension
- 3 Steering SAF axle's 13 ton each of which 1 is equipped with hydraulic rams fixed in the chassis. These cylinders operated a mechanical steering mechanism composed by a system of transfer and steering levers. Greasing points are per axle unit centralized to central greasing points
- Ø 300x200 Drum brakes with automatic adjusters
- 13 Tyres 245/70 R17,5"

## BRAKING SYSTEM (EC RULES)

- Two lines with corrective valve depending on payload
- Parking air brake (Maxibrake)
- **EBS** with **4S2M** sensors, RSP system (anti-rollover and help to traction)

## LIGHTING AND SIGNALLING (EC RULES)

- 2 Rear lights with 9 functions
- Front and lateral extensible signaling lights and reflectors

## BODY EQUIPMENT

- A stainless steel box equipped with a manual hydraulic control block to align the steering system and protect against over pressures in the hydraulic circuit. By aligning the system a pre-load will be generated that ensures a stable steering behavior. A control cable and a infra red remote control box that allows driven the axle's independently of the automatic system driven by the king pin. This function is important in difficult manoeuvres
- Metallic side boards on the gooseneck, the rear is in aluminum and removable
- Pneumatic and braking controlling board at front left side
- 40 mm Hard wood and 6/8 mm checkered steel floor
- 2 Hydraulic loading ramps operated by hydroelectric power pack with hydraulic lateral displacement up to 3000 mm controlled by hydraulic block valves with hand lever
- 1 Pole 24 volts plug, for lighting use
- Battery power cables
- Mechanic rear feet support

## OTHER EQUIPMENT

- 30 l Water tank
- Tools box 600x400x500 mm
- Spare wheel support (fitted on the gooseneck frontal side)
- Wood for side extensions

## PAINT WORK

- Shot blasting, primary and 2 components final painting

OPTIONS
Sliding cross member to support the load when the platform is extended (maximum of 2) - each

