

IMMA GLOBAL TECHNICK
SELF-PROPELLED MULTIWHEEL TRANSPORTER
IGT-SPMT



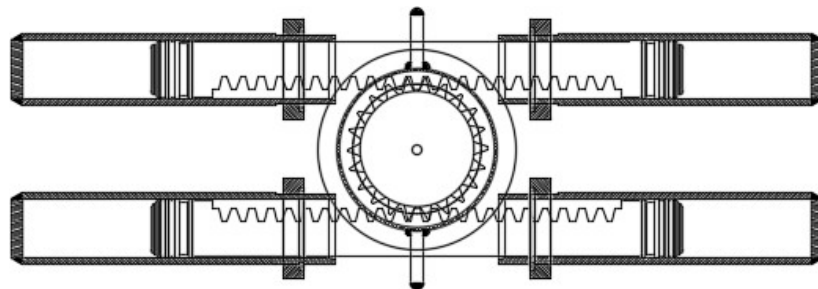
- **Self-Propelled Multi-wheel Transporter (SPMT)**
- **Range from 150 to 500 Tons Payloads**
- Wide range of platform
- Special designed boogie for heavy loads

- **PERFORMANCE DATA**
 - Max Gradient : %5
 - Max Speed - Unloaded : 15 km/h
 - Speed - Loaded : 3-5 km/h
 - Engine : Cummins or Volvo (Or Buyer required make/model)



- **STEERING SYSTEM:** Double acting hydraulic cylinder rack and pinion system boogies:

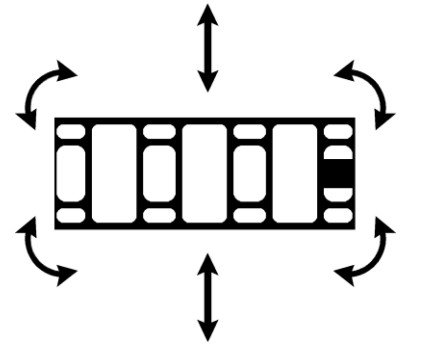
- **DRIVE SYSTEM:**



- Drive system consisting of diesel engine, coupling and relevant hydraulic pumps.
- Axial piston pumps are acting on adjustable axial piston motors:

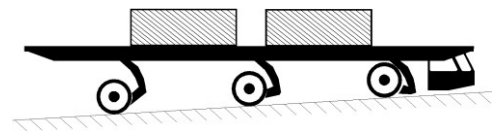
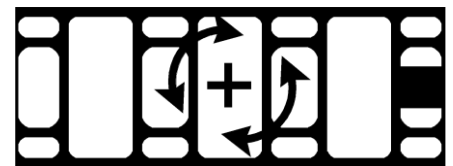
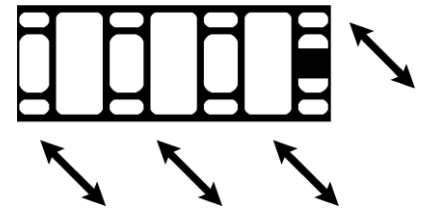
■ **POWER PACK AND CONTROL SYSTEM:**

- HBHPP450 - Hydraulic Power Pack with diesel engine 450 kW RF control
- Hoses and cable for transporter
- Hydraulics: Bosch-Rexroth
- Valves: Linde, Danfoss, Parker, Bosch-Rexroth
- Slewing Ring: Gear and Pinon or Cylinder
- Steering System: Rack and pinion
- Travelling System: Brewini or PDS or equivalent
- Tire: Petlas, Pirelli, Bridgestone or equivalent



■ **OVERALL:**

- Manufactured according to SOLAS, FEM and IMO regulations.
- A classification company (BV, DNV, Lloyd, etc.) will obtain surveillance and approval during the design, manufacturing and test.
- Radio controlled with proportional hydraulic system.
- Hydraulic control valves will be delivered as loose as to be placed on transporter.
- Pressure indicator, oil level indicator, emergency stop button and HPU start/stop buttons will be placed on the transporter
- The certificates to be declared:
 - EN10204-3.1 Certificate
 - AISC Class Society (As BV, DNV, Llyod, ABS, etc.) conformity for:
 - Design Approval report
 - Production including HRM, Welding, Welder notifications & reports
 - Overload test report
 - Functionality test report
 - Overall surveillance report



IGT-SPMT450/7 DRAWINGS – GENERAL ARRANGEMENT

