

### The ELiTE 16TD vacuum pipe lifter



#### Equipped with:

- **AoD (Anti object Drop).** Safe lifting system.  
Will prevent the operator from accidentally releasing the pipe during lifting
- **1 cylinder air cooled diesel engine.**
- **SWL of 16000kg**

#### Applications:

- Excavators
- Side booms
- Tower cranes
- Gantry cranes (single and double hooks)

- SWL: 16000kg
- AoD (anti object drop) safe lifting system
- Pipe OD which can be deployed: 125mm (5") to unlimited
- Self-contained
- Capacity main body vacuum reservoir: 330ltr (87gal)
- Capacity fuel tank/ internal steel protected: 28ltr (7.4gal)
- Support legs (lockable/ fold away)
- Vacuum filtration (twin)
- Fuel filtration (twin)
- Engine air filtration
- Yanmar diesel. Tier 1, 4 stroke air cooled.  
Continuous 6.7hp/ 4.9kW, 3600rpm. Required: 1800rpm.
- Cell starter with glow plut
- Suppression @95db @ 16ft (5m)
- Onboard forced fuel pump (Bosch)
- Standard vehicle car battery
- V belt drive engine – vacuum pump
- Digital fuel indicator
- Battery load indicator 12V – 45Ah
- Vacuum pump 100m<sup>3</sup>/hr Service friendly carbon vane rotary pump, dry, no oil.
- Vacuum speed of suction from pipe contact to pipe lift: 1.5sec.
- Vacuum none return valve (check valve at main vac body)
- HD vacuum solenoid (-40°C)
- Transparent UV resistant, steel spiral coiled protected vacuum hosing

# The **ELiTE 16TD** vacuum pipe lifter

- 1 x continuous audio siren for engine failure
- 2 x continuous multi LED flash light for engine failure (RED)
- 1 x continuous audio siren for insufficient vacuum
- 2 x continuous multi LED flash light for insufficient vacuum (YELLOW)
- 1 x LED flash light for AoD - Safe lifting system (GREEN)
- HD Knuckle joint rubber block dampers between main lifting body and suction pad connections
- Vacuum commands via wireless remote control (individual frequencies)

**Length:** 3820 mm

**Width:** 550 mm

**Height:** 880 mm (legs folded for lift, without crane eye)

**Net weight:** 1050 kg (without crane eye / without rotator)

