

The ELITE 16TD ECO vacuum pipe lifter



Definition of ECO:

Meaning the more economically and lower priced alternative compared to all other models manufactured by Schoenbeck.

- **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
- Pipe OD which can be deployed: 125mm (5") to unlimited
- Self-contained
- Capacity main body vacuum reservoir: 130ltr (34gal)
- Capacity fuel tank/ internal steel protected: 23ltr (6.0gal)
- Support legs (lockable/ fold away)
- Vacuum filtration (twin)
- Fuel filtration (twin)
- Engine air filtration
- Yanmar diesel. 4 stroke air cooled.
Continuous 3.8hp/ 2.8kW, 3000rpm. Required: 1800rpm.
- Cell starter with glow plug
- Suppression @95db @ 16ft (5m)
- Onboard forced fuel pump
- Standard vehicle car battery 12V – 45Ah
- Direct drive rpm reduction wheel/ V belt engine – vacuum pump
- Digital fuel indicator
- Battery load indicator
- Vacuum pump 80m³/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)
- Vacuum solenoid (-20°C)
- Transparent UV resistant, steel spiral coiled protected vacuum hosing

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

- 1 x dual continuous audio siren for insufficient vacuum / engine failure
- 1 x continuous multi LED flash light for engine failure (RED)
- 1 x continuous multi LED flash light for insufficient vacuum (YELLOW)
- 1 x LED flash light for AoD - Safe lifting system (GREEN)
- Rubber dampers between main lifting body and suction pad connections
- Vacuum commands via Hardwire remote cable control

Length: 2350 mm

Width: 520 mm

Height: 930 mm (legs folded for lift, without crane eye)

Net weight: 760 kg (without crane eye / without rotator)

