

ELiTE

VACUUM PIPE LIFTER



ELiTE LiTE vacuum pipe lifter

SWL of 5000kg, 8000kg, 12000kg and 16000kg

Ideal for:

- Excavator (Light and heavy sizes)
- Front loaders equipped with forks
- Sidebooms

Applications:

- Construction work
- Stacking
- Stringing
- On/ off loading (trucks, rail cars, vessels)
- Communal work

This unique design was originally aimed at lower sized excavators, carrying our pipeline work in the communal sector. The extreme light Net weight coupled with a mere 76db sound level makes this a great solution for pipe or plate handling in built up urban areas. Due to popularity, this ELiTE version is becoming more and more popular with Side booms and other carriers/ applications.

The ELiTE LiTE is a two component vacuum pipe lifter consisting of power pack and main body.

The power pack (1 cylinder air cooled/ 2 cylinder water cooled)

The power pack includes the main hardware required, Vacuum pump, diesel engine with fuel tank etc. All components and our highly praised safety features (sirens/ alarms/ pressure gauges are naturally incorporated with radio or hard wire remote controls for suction on and release. Silent and open top units are optionally available as well as 1 cylinder (air cooled) or 2 cylinder (water cooled) setups. Both engine options deliver the above mentioned sound level of only 76db! The power pack is mounted at the rear, side or other position at the back of the excavator/ sideboom or front loader. The Net weight of this (depending on model) is 360kg.

The main beam/ carrier (Light weight 450kg!)

The main body carries the suction pad and links up to your excavator, sideboom or front loader. Equipped with additional safety features such as solenoid (-45°C to + 55°C), pressure gauge and flash lights this light weight model is ideal and a further option for your pipe/ plate handling operations.

Technical Data Powerpack



Standard dimensions:

Length: 1788mm
Width: 668mm
Height: 1142mm
Weight Net: 420kg (with canopy)
360kg (without canopy)

Fuel: Diesel
Fuel consumption: Only 1ltr (0.264 gallons)/ Hour
Suppression: @ 1m = approx 78 db **without canopies!!**
@ 5m = approx 76 db

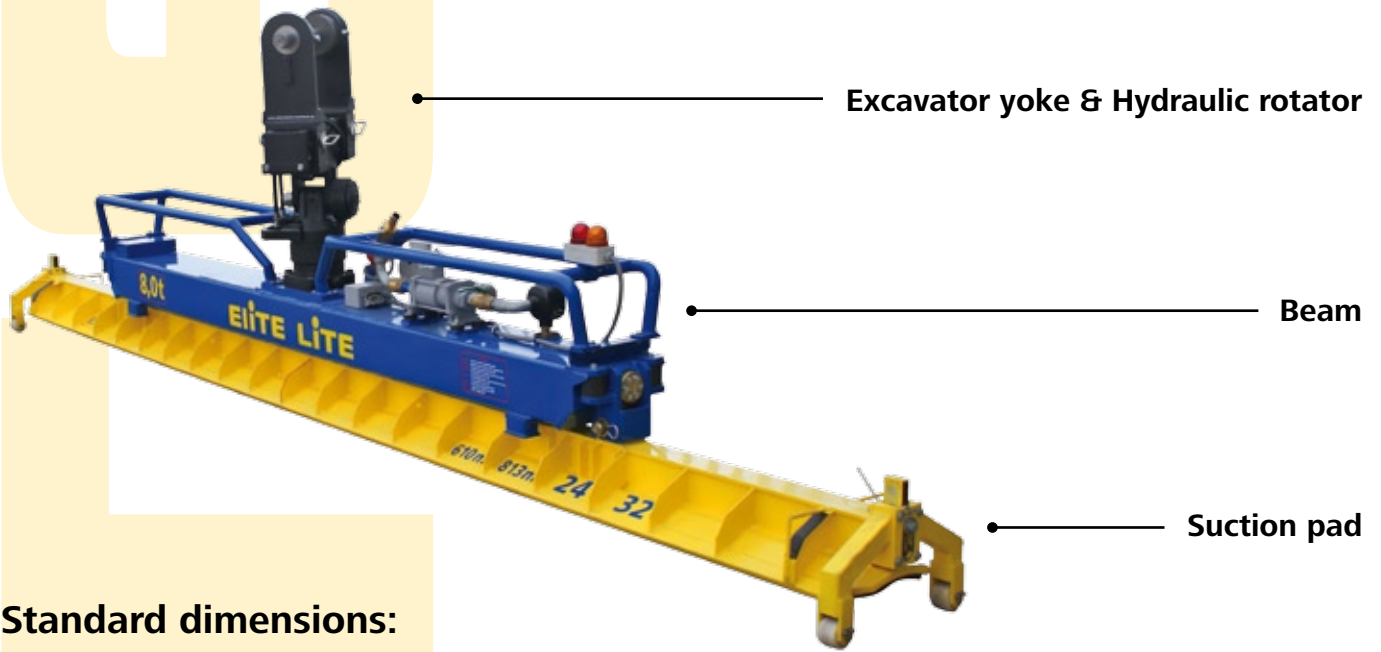


We have undertaken a great deal of effort in order to reducing the sound level of our equipment.

Published definitions of db measured levels:

130db = Thunderclap/Air raid siren at 1m / 3.28ft
120db = Jet takeoff at 150m/ 164ft
110db = Rock concert/ Discotheque
100db = Chainsaw/ fire crackers
90db = City traffic/ Heavy truck at 15m/ 16.40ft
80db = **Hair dryer/ Alarm clock at 1m/ 3.28ft**
70db = **Vacuum cleaner/ busy office**
20db = Broadcasting studio / rustling leaves

Technical Data Beam / Carrier



Standard dimensions:

- Length:** 3750 mm
Width: 400 mm
Height: 1400 mm (from underside beam – top side excavator yoke)
Weight Net: 450kg (without suction pad)
Weight Net of suction pad: Variable from 250 - 300kg (dependent of suction pad size to be utilized)
- Sound level:** @ 1m = N/ A db
@ 5m = N/ A db

A clever vacuum hose protection system, prevents wear and tear but gives the hose flexibility you need.

