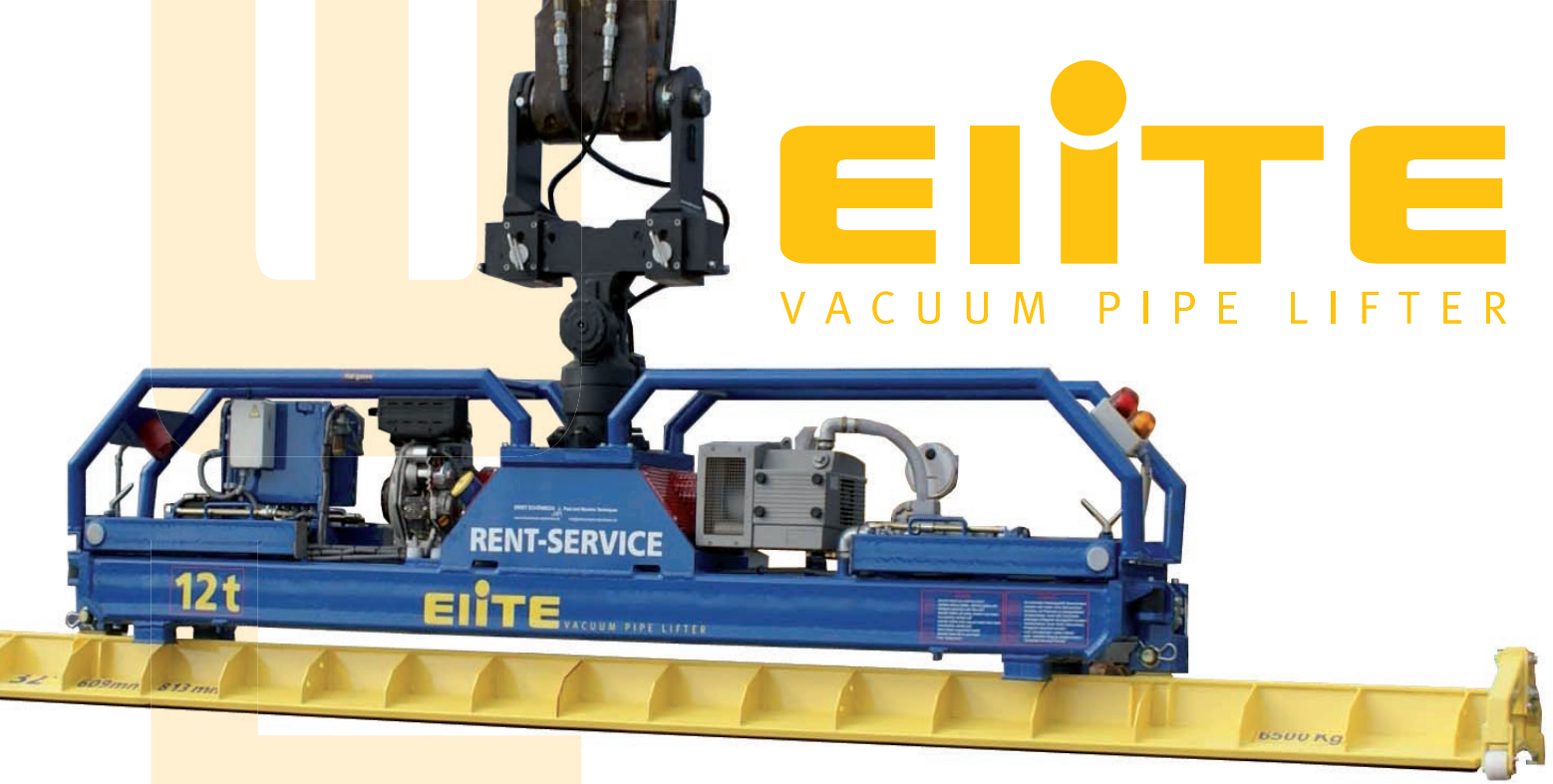


# ELiTE

VACUUM PIPE LIFTER



## The ELiTE 12TD vacuum pipe lifter

SWL of 12000kg

### Ideal for:

- Excavator
- Side booms
- Tower crane
- Gantry crane (single hook) indoor outdoor

### Applications:

- Pipeline constructions work
- ROW high speed stringing
- Off/ on loading (trucks, rail cars, vessels)
- Other

**This design was the original that stemmed the way for later newer models of the same philosophy and concept.**

### The ELiTE 12TD vacuum pipe lifter (diesel powered/ driven)

The main unit is diesel powered/ driven and totally self-contained. A diesel engine mounted on the top side of the main unit propels the 80m<sup>3</sup>/hr vacuum pump (slide vanes/ dry type) which in turn creates the required vacuum stored within the 280ltr vacuum tank. Standard and highly praised safety features (sirens/ alarms/ pressure gauges) are naturally incorporated with radio or hard wire remote controls for suction on and release. Even if the main power supply fails, our safety system will operate! Sound level is less than 100db. The standard unit is equipped with a single central crane eye (as illustrated) however the hydraulic rotator and yoke options are standard requirements for all excavator applications.

# Technical Data ELiTE 12TD



## Standard dimensions:

<b>Length:</b>	3870mm
<b>Width:</b>	630mm
<b>Height:</b>	1350mm
<b>Weight Net:</b>	970kg
<b>Power:</b>	Diesel driven/ self contained (28ltr diesel reservoir)
<b>Suppression:</b>	95db (5m)
<b>Vacuum volume:</b>	280lts
<b>Vacuum speed of suction:</b>	1,5 seconds from command
<b>Vacuum command module:</b>	Radio remote control or hardwire setup
<b>Diesel engine:</b>	1 cylinder 4.3kW continuous (3600rpm max)
<b>Diesel feed:</b>	Forced/ fuel pump
<b>Vacuum pump:</b>	Dry/ slide vane type 80m <sup>3</sup> / hr
<b>Check valve:</b>	Yes
<b>Solenoid:</b>	-40°C
<b>Ambient working temperature:</b>	-20°C up to +55°C

Engineering according to CE standards/ Australian standards/ ASME (vacuum) standards

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
<b>100db=</b>	<b>Chainsaw/ fire crackers</b>
<b>90db =</b>	<b>City traffic/ Heavy truck at 15m/ 16.40ft</b>
80db =	Hair dryer/ Alarm clock at 1m/ 3.28ft
70db =	Vacuum cleaner/ busy office
20db =	Broadcasting studio / rustling leaves