

# ELiTE

VACUUM PIPE LIFTER



## The ELiTE 12TE vacuum pipe lifter

SWL of 12000kg and 16000kg

### Ideal for:

- Gantry crane (single hook or double hook)
- Tower crane
- Indoor or outdoor

### Applications:

- Pipe mill
- Coating mill
- Off/ on loading (trucks, rail cars, vessels)
- Other

**This design originates from the diesel model, same body, philosophy and similar components.**

### The ELiTE 12TE vacuum pipe lifter (electrically powered)

The main unit is driven electrically whilst the power is supplied by the customers main power supply/ network. A 80m<sup>3</sup> vacuum pump (slide vanes/ dry type) and electrical motor generate the required vacuum in a 100% cycle. 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 20db. The standard unit is equipped with a single central crane eye (as illustrated) however two outer crane eyes can be optionally introduced if required.

# Technical Data

## ELiTE 12TE



### Standard dimensions:

<b>Length:</b>	3870mm
<b>Width:</b>	630mm
<b>Height:</b>	1350mm
<b>Weight Net:</b>	970kg
<b>Power</b>	customer's choice
<b>Suppression:</b>	Less than 20db @ 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>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
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
<b>20db =</b>	<b>Broadcasting studio / rustling leaves</b>