

MODEL 9530

PIGGYBACK ATTACHMENT



Standard supply includes:

- ♦ Mounting arrangement to fit the spreader
- ♦ Four foldable piggyback legs in an automatic sequence
- ♦ Hydraulic leg folding
- ♦ Hydraulic clamp and unclamp
- ♦ Solenoid valves for all hydraulic functions
- ♦ Electrical protection and indication system for trailer handling

Optional:

- ♦ The attachment can be supplied without power pack and with quick connectors for hydraulic supply

ELME Piggyback attachment 9530 is a removable unit mounted under any 20ft ISO crane spreader – dedicated for the handling of trailers, swap bodies and bottom lift containers.

The typical property of this attachment is to be easily attachable and detachable. It is also its main advantage and 9530 is the given choice where container handling equipment is already in use and the need for bottom lifts arises.

9530 is the economic choice at a terminal with relatively few bottom lifts and a desire to create flexibility in a fleet of container handling machines by switching from machine to machine.

PIGGYBACK LEGS SYSTEM

The leg arrangement is done according to the ELME design which is a load clamping system that involves all four foldable piggyback legs in an automatic sequence.

The feet are designed according to European standard and made of Strenx® 900E material (meets S 890 QL) to extend life time. Sensors (integrated in the feet) detect when the trailer is clamped and send signals to the indication system. To avoid unclamping, a signal is also sent as soon as the container/trailer is lifted off the ground.

HYDRAULIC FUNCTIONS

9530 has two hydraulic functions; clamp/unclamp and fold/unfold of legs. The powerpack consists of a single motor and pump assembly to assure accurate flow and pressure. All functions are

controlled through solenoid valves on the attachment.

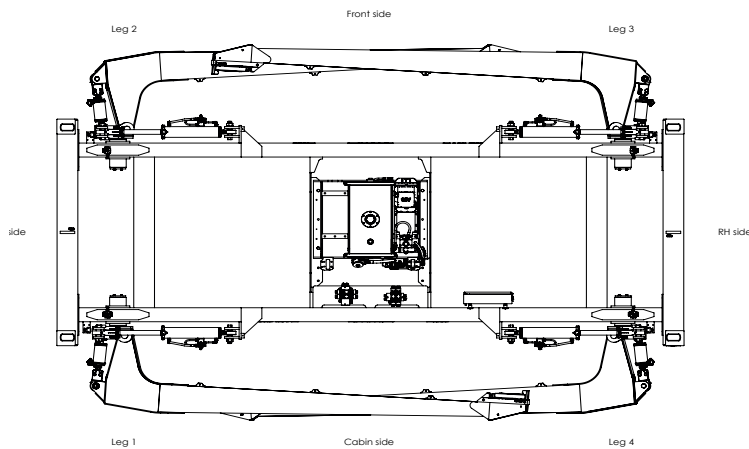
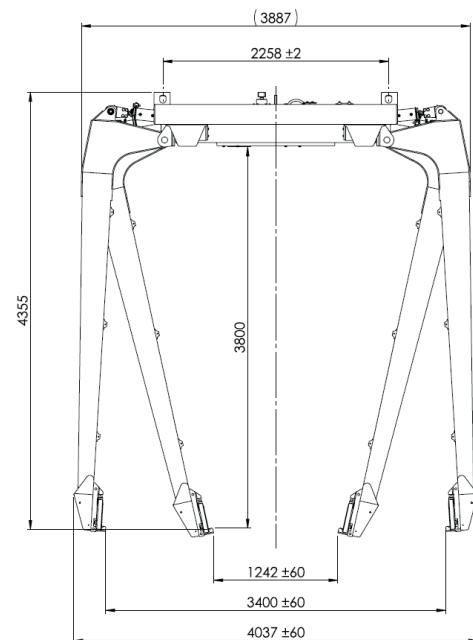
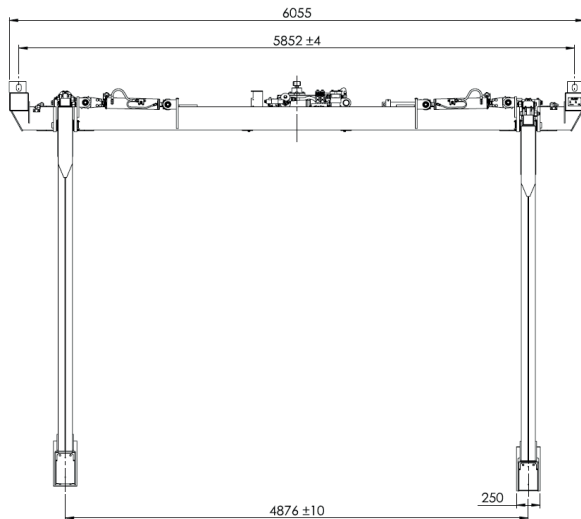
INSTALLATION, CONTROL AND PROTECTION SYSTEM

Plug/socket connectors are used to hook up the attachment to the spreader. Since all controls need to be executed in the spreader PLC, it is recommended to use the attachment together with an ELME spreader.

When the attachment is connected to the spreader, the spreader will be prevented from any telescoping and twistlock movements. Connectors from the attachment are plugged in the parent spreader. The spreader functions can then be used to control leg folding and clamping.

Crane indicator lights advise the operator when the piggyback attachment is correctly seated, clamped or not clamped. The system ensures that the twistlocks connecting the spreader to the attachment cannot be opened inadvertently.

MODEL 9530



TECHNICAL SPECIFICATIONS

Type of lifting system	Twistlocks in 20ft position
Piggyback weight (TW)	4 100 kg without extra equipment
Lifting capacity (SWL), piggyback**	41 tonnes \pm 10 % eccentric load
Lifting system	Corner castings at 20ft position
Legs clamping distance, min / max	1 242 \pm 60 mm / 3 400 \pm 60 mm
Legs clamping force	3 kN
Legs centre distance, min	4,876 \pm 10 mm
Hydraulics, operating pressure up to	140 bar
Hydraulics, flow / tank volume	23 L/min / 90 L
Power supply	400 VAC
Electrical motors	4 kW
Colour	Signal yellow RAL 1003
Surface preparation	C4M

** Depending on classification



9530 attached to ELME Spreader Model 8110.



Piggyback foot, European standard.

All specifications are subject to change without notice. A list of options enables you to adapt the product more precisely to your needs and further information is available on request.

HEAD QUARTER AND PRODUCTION ELME Spreader AB

Phone +46 10 222 18 00
Email sales@elme.com
Website www.elme.com

SALES AND SPARE PARTS ELME Spreader Trading (Shanghai) Co., Ltd

Phone +86 21 5169 8922
Email sales.cn@elme.com

SPARE PARTS ELME Americas Inc.

Phone +1 731 588 02 20
+1 731 332 09 29
Email sales.us@elme.com

Visit www.elme.com for details, spare parts and more products.

ELMETM
Swedish Spreader Systems