

# Pile Hoists

**For ergonomic working at a comfortable height**

- ☐ Automatic lifting and lowering of palletized cutting material
- ☐ Individually adjustable working height for increased productivity and easier operation

BUSCH pile hoists are an indispensable component of cutting systems. They allow automatically lifted cutting material to be loaded into the jogger or directly into the cutting machine at a comfortable, individually adjustable height.

BUSCH pile hoists can also be used for de-stacking cutting material.



HL 125 BUSCH pile hoist

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- not legally binding -  
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**BUSCH pile hoists of model series Hydrolift (HL) have a hydraulic direct drive without lifting chains, and boast solid engineering and modern technology.**

**Features:**

- Stable, welded design
- Lifting platform for transverse pick-up of pallets
- Automated hydraulic lifting and lowering mechanism
- Operating arm can be fitted on the left or right
- Individually adjustable working height thanks to height-adjustable encapsulated light sensor
- Automated lifting and lowering mechanism can be switched over for unloading and de-stacking
- Available with optional pre-piling device for precise de-stacking (for easy retrofitting)

**Unloading**



After removing the cutting material, the pile is automatically lifted to the preset working height.

**De-stacking**



HL 110 with optional pre-piling device



After the cutting material is de-stacked, lowering is carried out semi-automatically, i.e. the procedure is started manually, then automatically stopped after reaching the preset working height.

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### **HL 85 pile hoist**

Platform size    620 x 850 mm  
Load                500 kg



### **HL 110 pile hoist**

Platform size    780 x 1100 mm  
Load                1000 kg



### **HL 125 pile hoist**

Platform size    840 x 1250 mm  
Load                1000 kg

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## Technical data – BUSCH pile hoists

		<b>HL 85</b>	<b>HL 110</b>	<b>HL 125</b>	<b>HL 155</b>
Platform depth (y)	mm	620	780	840	1100
Inside platform width (x)	mm	850	1100	1250	1550
Max. stroke	mm	900	900	900	900
Max. load	kg	500	1000	1000	1500
Machine depth (A)	mm	1040	1200	1260	1530
Machine width (B)	mm	1070	1390	1570	1840
Supply voltage	V/Hz	400/50	400/50	400/50	400/50
Power consumption	A	3.5	3.5	3.5	4.0

