

provides for ergonomic working at a user-friendly working height by automatic lifting and lowering of palletized cutting material.

Customer benefits

- Increases the efficiency of the cutting machine by up to 10%, because working height remains constant throughout loading and unloading procedures
- Lifting heavy loads is reduced to a minimum
- Operator's productivity curve remains constant
- Substantial reduction of occupational diseases



Description LW 450-2

The POLAR Stack Lift LW 450-2 lift is predominantly employed for handling the half-size format. Since the material to be cut is lifted automatically, the operator loads the material into the jogger or directly into the cutting machine at an ergonomic height. The lift can also be used for stacking the material. In this case the lift is lowered semi-automatically. This means that the procedure is started manually, but stopped automatically by the light barrier.

As it is not necessary to anchor POLAR Stack Lift to the floor they can be easily rearranged

Technical data

Pallet size, max.	600 × 860 mm	23.62 × 33.86 in
Size of platform	620 × 900 mm	24.41 × 35.43 in
Stroke, max.	850 mm	33.46 in
Carrying capacity, max.	450 kg	992 lbs

Further technical data are available for download on our website.

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Description of LW 1000-4

The POLAR Stack Lift LW 1000-4 lift is predominantly employed for handling the medium-size format. Since the material to be cut is lifted automatically, the operator loads the material into the jogger or directly into the cutting machine at an ergonomic height. The lift can also be used for stacking the material. In this case the lift is lowered semi-automatically. This means that the procedure is started manually, but stopped automatically by the light barrier.

As it is not necessary to anchor POLAR Stack Lift to the floor they can be easily rearranged.

Technical data

Pallet size, max.	800 × 1,200 mm 31.50 × 47.24 in
Size of platform	840 × 1,270 mm 33.07 × 50.00 in
Stroke, max.	850 mm 33.46 in
Carrying capacity, max.	1,000 kg 2,205 lbs

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Customer benefits

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- Lifting heavy loads is reduced to a minimum
- Operator's productivity curve remains constant
- Substantial reduction of occupational diseases



Description LW 1200-4

The POLAR Stack Lift LW 1200-4 lift is predominantly employed for handling the medium-size format. Since the material to be cut is lifted automatically, the operator loads the material into the jogger or directly into the cutting machine at an ergonomic height. The lift can also be used for stacking the material. In this case the lift is lowered semi-automatically. This means that the procedure is started manually, but stopped automatically by the light barrier.

As it is not necessary to anchor POLAR Stack Lift to the floor they can be easily rearranged.

Technical data

Pallet size, max.	800 × 1,200 mm		31.50 × 47.24 in
Size of platform	840 × 1,270 mm		33.07 × 50.00 in
Stroke, max.			850 mm 33.46 in
Carrying capacity, max.			1,200 kg 2,646 lbs

Further technical data are available for download on our website.

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Customer benefits

- Increases the efficiency of the cutting machine by up to 10%, because working height remains constant throughout loading and unloading procedures
- Lifting heavy loads is reduced to a minimum
- Operator's productivity curve remains constant
- Substantial reduction of occupational diseases



Description LW 1200-6

The POLAR Stack Lift LW 1200-6 lift is predominantly employed for handling the large-size format. Since the material to be cut is lifted automatically, the operator loads the material into the jogger or directly into the cutting machine at an ergonomic height. The lift can also be used for stacking the material. In this case the lift is lowered semi-automatically. This means that the procedure is started manually, but stopped automatically by the light barrier.

As it is not necessary to anchor POLAR Stack Lift to the floor they can be easily rearranged.

Technical data

Pallet size, max.	1,050 × 1,450 mm	41.34 × 57.09 in
Size of platform	1,090 × 1,520 mm	42.91 × 59.84 in
Stroke, max.		850 mm 33.46 in
Carrying capacity, max.		1,200 kg 2,646 lbs

Further technical data are available for download on our website.

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Customer benefits

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- Lifting heavy loads is reduced to a minimum
- Operator's productivity curve remains constant
- Substantial reduction of occupational diseases



Description LW 2000-7S

The POLAR Stack Lift LW 2000-7S lift is predominantly employed for handling the large-size format. Since the material to be cut is lifted automatically, the operator loads the material into the jogger or directly into the cutting machine at an ergonomic height. The lift can also be used for stacking the material. In this case the lift is lowered semi-automatically. This means that the procedure is started manually, but stopped automatically by the light barrier.

As it is not necessary to anchor POLAR Stack Lift to the floor they can be easily rearranged.

Technical data

Pallet size, max.	1,200 × 1,650 mm		47.24 × 64.96 in
Size of platform	1,240 × 1,710 mm		48.82 × 67.32 in
Stroke, max.			900 mm 35.43 in
Carrying capacity, max.			2,000 kg 4,409 lbs

Further technical data are available for download on our website.