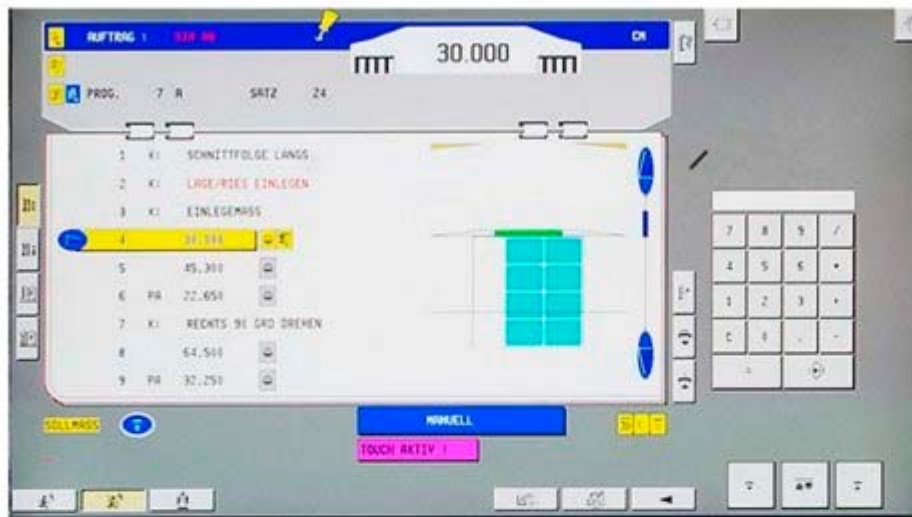


# High-Speed POLAR N

the program  
with a capacitive 18.5"



## Description of POLAR N 115 PLUS

The allrounder with 18.5" color display and touch-screen operation is suitable for all standard cutting jobs. Featuring automatic graphic programming it ensures a highly-automated process.

Examples of equipment:

- ▄ Highly graphic operator guidance, with various language packages
- ▄ Change-over measurement system (metric, inch, shaku)
- ▄ Configurable user interface, OptiKnife knife changing system and many other features

The High-Speed Cutter POLAR N 115 is mainly used in the medium-size range. Formats up to a diagonal of 1,150 mm can be easily handled and turned in the high-speed cutter. Cutting material with larger formats can only be turned on the front table. The High-Speed Cutter has extensive features in the standard equipment already which can increase the productivity up to 20%. The High-Speed Cutter can be upgraded with

- ▄ Greatest cutting accuracy due to Positioning-System DPS with a maximum positioning accuracy of 1/100 mm
- ▄ Highly reliable in daily use and long service life as a result of the stability of the one-piece frame, knife drive with worm gear and closed hydraulic system

## Technical data

Cutting width	
Feeding depth	
Loading height max.	
Safety clamp pressure	
Clamp pressure, min	
Clamp pressure, max.	4
Backgauge speed on return way (0 - ...)	

peripheral equipment (HIT, jogger, buffer, transport grippers, loading and unloading system) to a cutting system.

## Customer benefits

- Extended operating life of the knife as well as faster knife change thanks to POLAR OptiKnife with knife fine adjustment in the lower dead end
- High productivity by a great number of programmable additional functions
- Shortest make ready times thanks to intuitive cutting program generation via block programming or even Compucut

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knife speed	
Smallest cut, automatically, without false plate	
Smallest cut, automatically, with false plate	

Further technical data are available for download



# High-Speed POLAR N 115

the programmable high-speed cutter  
with a capacitive 21.5"



## Description of POLAR N 115 PRO HD

The programmable high performance model with a capacitive 21.5" Touch-Screen display and real image preview is ideal for high-end applications - thanks to job specific programmable parameter, label and distortion correction as well as an extended range of options.

The High-Speed Cutter POLAR N 115 is mainly used in the medium-size range. Formats up to a diagonal of 1,150 mm can be easily handled and turned in the high-speed cutter. Cutting material with larger formats can only be turned on the front table. The High-Speed Cutter has extensive features in the standard equipment already which can increase the productivity up to 20%. The High-Speed Cutter can be upgraded with peripheral equipment (lift, jogger, buffer, transport grippers, loading and unloading system) to a cutting system.

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## Technical data

Cutting width	
Feeding depth	
Loading height max.	
Safety clamp pressure	
Clamp pressure, min	
Clamp pressure, max.	
Backgauge speed on return way (0 - ...)	
Knife speed	
Smallest cut, automatically,	

- programmable additional functions
- // Shortest make ready times thanks to intuitive cutting program generation via block programming or even Compucut
- // Greatest cutting accuracy due to the POLAR-Positioning-System DPS with a mechanical positioning accuracy of 1/100 mm
- // Highly reliable in daily use and long lifespan as a result of the stability of the one-piece machine frame, knife drive with worm gear drive and compact closed hydraulic system

without false plate	
Smallest cut, automatically, with false plate	

Further technical data are available for download

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# High-Speed POLAR N

with automatic  
a capacitive 21.



## Description of POLAR N 115 AT HD

Model N 115 AT HD is the most-efficient of this type of high-speed cutter, featuring automatic waste disposal during the cutting process.

## Technical data

Cutting width	
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Feeding depth	
Loading height max.	
Safety clamp pressure	
Clamp pressure, min	
Clamp pressure, max.	
Backgauge speed on return way (0 - ...)	
Knife speed	
Smallest cut, automatically, without false plate	
Smallest cut, automatically, with false plate	

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# High-Speed POLAR N 115

the programmable high-speed cutter  
with a capacitive 21.5"



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Clamp pressure, min	
Clamp pressure, max.	
Backgauge speed on return way (0 - ...)	
Knife speed	
Smallest cut, automatically,	



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Feeding depth	
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Clamp pressure, min	
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Knife speed	
Smallest cut, automatically, without false plate	
Smallest cut, automatically, with false plate	

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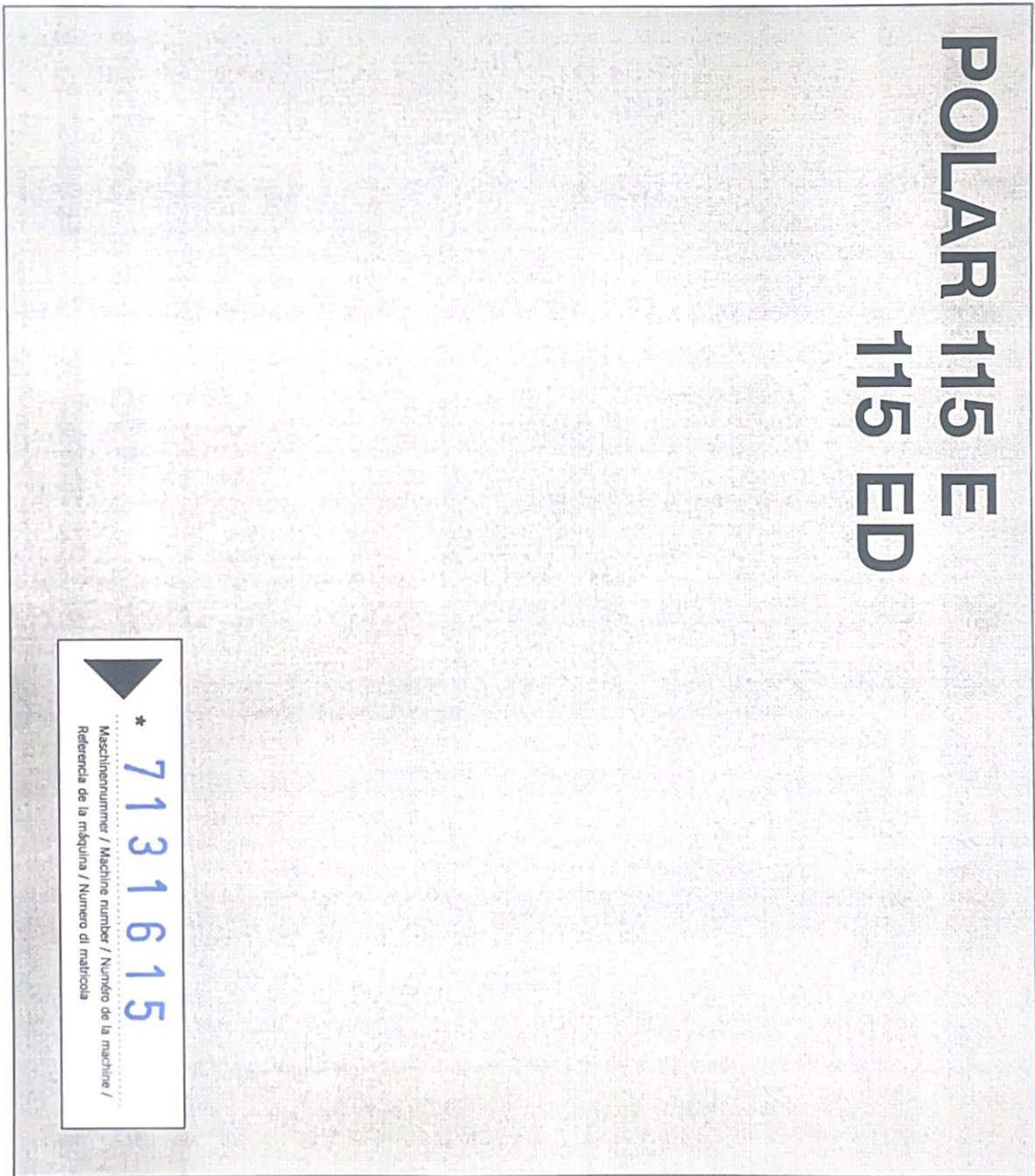




Ersatzteile

POLAR 115 E  
115 ED

Spare Parts  
Pièces détachées  
Piezas de repuesto  
Pezzi di ricambio



▼  
\* 7131615  
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Maschinennummer / Machine number / Numéro de la machine /  
Referencia de la máquina / Numero di matricola

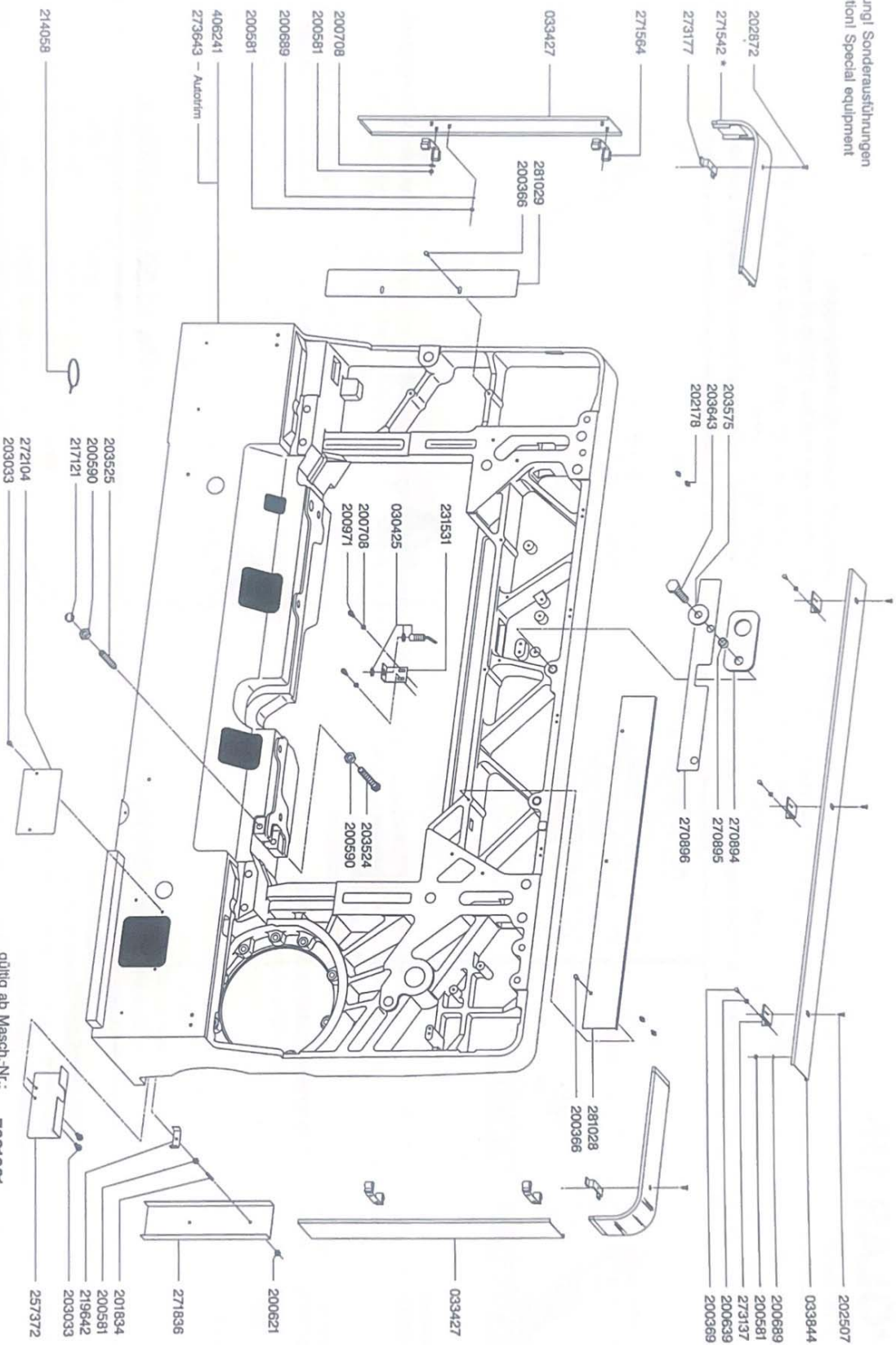
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\*Achtung! Sonderausführungen  
\*Attention! Special equipment

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gültig bis Masch.-Nr.: .....  
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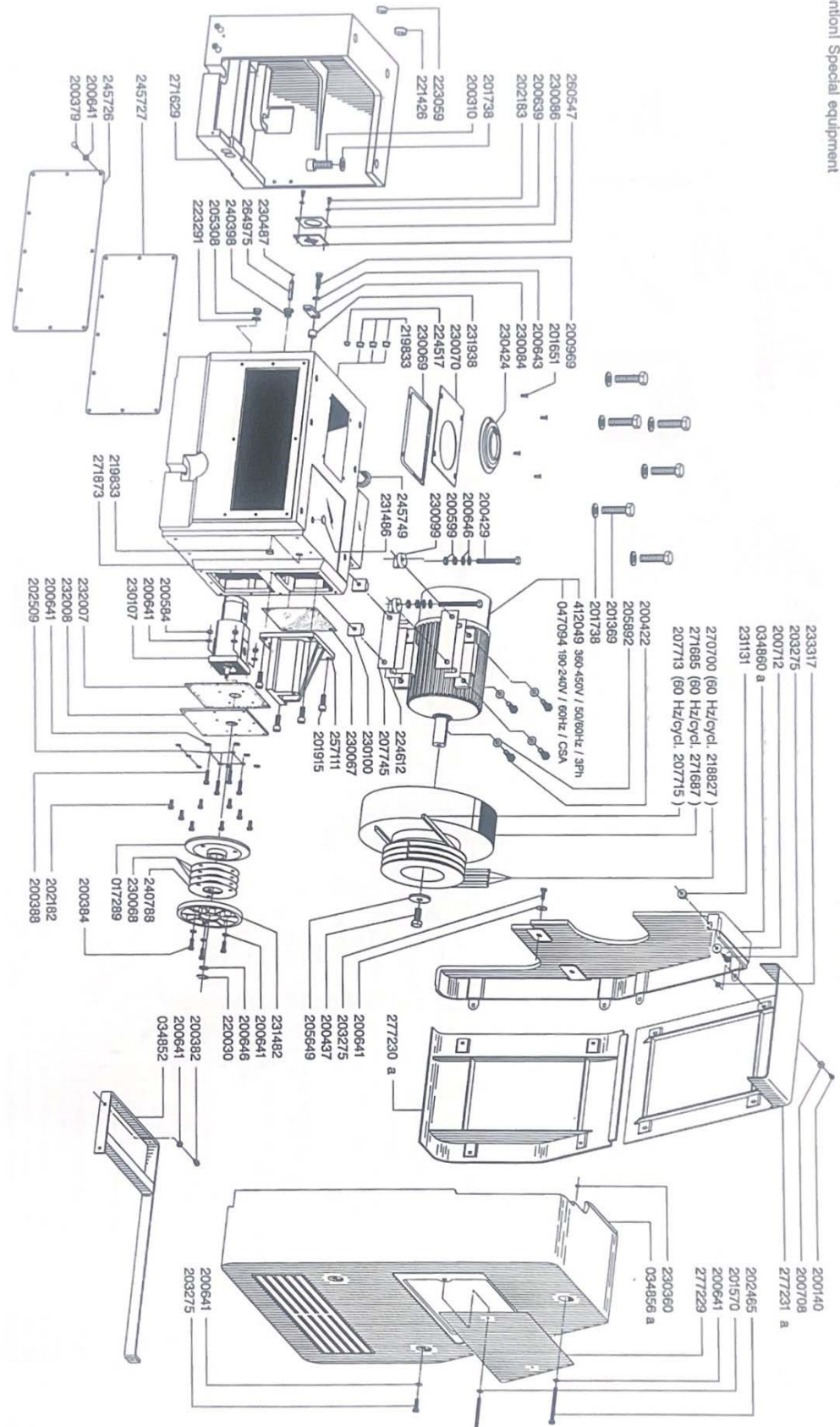


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\*Achtung! Sonderausführungen  
\*Attention! Special equipment

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