

NC-Transfer NGT Series - Industry 4.0



Application

- Large presses with a bolster length up to 5500 mm
- Gripper rail profiles up to 200 mm x 200 mm
- Retrofitting on all types of presses are possible
- Available in 2D or 3D version
- For sheet metal operations

Operating Modes

- Safe setup mode
- Test mode
- Automatic mode
- Controlled single stroke

Options

- 45-step parts control with a variety of additional functions
- 32-step cam control with free programmable inputs and outputs
- Retract function for press
- Finger tools with grippers

Technical Data

Transfer Size		NGT450	NGT650
Feed path	(mm)	0 - 750	0 - 1000
Gripper path	(mm)	0 - 150	0 - 250
Lifting path	(mm)	0 - 150	0 - 200
Grippers & Part weight	(kg)	100	200
Closing force/Rail	(N)	4000	8000
Gripper rail distance	(mm)	270 - 750	350 - 1000
Stroke rate*	(¹ /min)	100	50

*The stroke rates shown are standard values and depends on moving mass, paths and movement angle.

Advantages

- High transport quality through
 - Drives with controlled vibration compensation
 - optimized positioning using spring-loaded grippers
- Maximum throughput due to
 - Stroke optimization software
 - Synchronization monitoring
 - Smaller rail profiles
- High availability due to
 - Mechanical and electrical overload couplings
- Very flexible in use due to
 - Free programmable movements
 - „Recipe“-memory
 - Integrated access management
 - 15“ Touchscreen
 - Easy integration through Bus systems & OPC-UA Interface
- Low maintenance due to
 - Maintenance alerts
 - Fully automatic central lubrication
 - Standard components (Bosch-Rexroth, Beckhoff)

Services

- Free remote and telephone support
- 24h spare parts availability
- Reduced capital commitment through attractive leasing models

