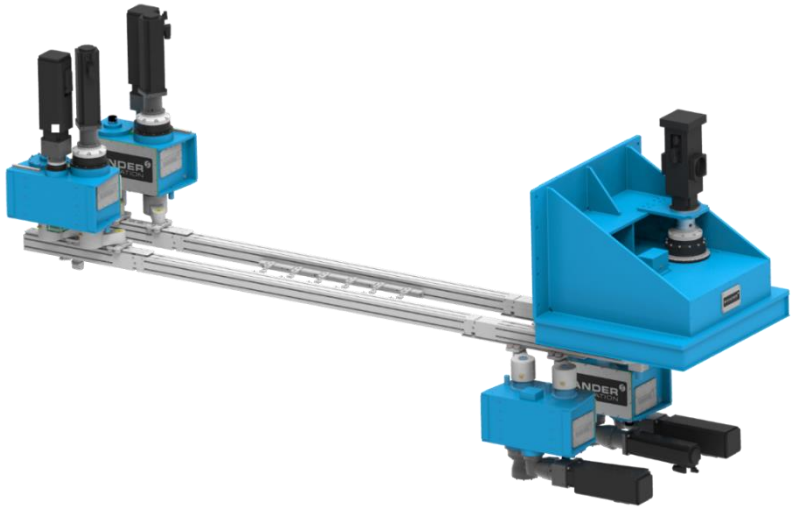
NC-Transfer DSTG Series (patented)



Application

- Especially suited for forging operations
- For bolster lengths up to 5500 mm
- Gripper rail profiles up to 200 mm x 200 mm
- Operates as 2D or 3D version
- For use as one or two-sided version
- Can be retro-fitted on all types of presses

Operating Modes

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

Options

- 45-step parts control
- 32-step cam control
- Fully automatic gripper rail couplings
- Loading station for solid forming
- Blank cut with exchangeable cassette
- Gripper holders for solid forming
- Gripper fingers for sheet metal forming

Advantages

- **High transport quality due to**
  - minimal deflection through double crank drive
  - optimized positioning using spring-loaded grippers
- **High availability due to**
  - mechanical overload coupling and overcurrent protection for all axes
  - absolute encoder for all axis
- **Maximum throughput due to**
  - stroke optimization software
  - monitored position synchronisation
- **Short set-up times due to**
  - automatic tool change
  - free access for conveyor systems, blank loaders, conveyer belts
- **Very flexible use due to**
  - freely programmable movements
  - „recipe “-memory for different tools
- **Low maintenance due to**
  - fully encapsulated drive units
  - automatic central lubrication

Technical Data

Transfer Size		DSTG450	DSTG650	DSTG1000
Feed path	(mm)	0 - 500	0 - 750	0 - 1000
Gripper path	(mm)	0 - 120	0 - 150	0 - 250
Lifting path	(mm)	0 - 80	0 - 150	0 - 200
Grippers & Part weight	(kg)	60	100	200
Closing force/Rail	(N)	2500	4000	8000
Gripper rail distance	(mm)	270 - 500	270 - 750	350 - 1000
Stroke rate*	(^{1}/min)	150	100	50

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

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