Technical Datasheet

# Pfiffner RT 100-12

## Transfer machine



| | |
|---|---|
| Product code | **89-000358** |
| Condition | **Used machine** |
| Category | **Miscellaneous machine** |
| Machine type | **Transfer machine** |
| Year of manuf. | **2013** |
| Control | **Siemens 840 D** |

### Rotary-Indexing-table/Spindle:

| | |
|---|---|
| Clamping stations | 12 motorised spindles |
| Drive | Torque drive, water-cooled |
| Position measuring system | Direct |
| Switching time | 1.5 seconds |
| Spindles | Water-cooled motor spindles |
| C-axes | 0.001°, hydraulic clamping |
| Speed | 5,500 rpm |
| Power | 11 kW |
| Clamping device | Chuck |

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Note: Subject to prior sale and error excepted

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## Basic modules:

| | |
|---|---|
| Technology | Positioning module, 3-axis |
| X-axis | 50 mm |
| Y-axis | 100 mm |
| Z-axis | 100 mm |
| Position measuring systems | Direct in all axes |
| Coolant supply | Integrated |
| Workpiece size (max.) | 100 x 100 x 100 mm |

## Station 1:

| | |
|---|---|
| Horizontal | feeding of raw parts (indexing conveyor + Stäubli robot) |
| Vertical | Measuring raw part |

## Station 2:

| | |
|---|---|
| Horizontal | 4-fold turret without drive |
| Vertical | Measuring reclamping error (C-axis zeroing) |

## Station 3:

| | |
|---|---|
| Horizontal | 4-fold turret without drive |
| Vertical | Not used |

## Station 4:

| | |
|---|---|
| Horizontal | 4-fold turret without drive |
| Vertical | Not used |

## Station 5:

| | |
|---|---|
| Horizontal | 6-position turret with WAN, 10,000 rpm |
| Vertical | 6-position turret with WAN 10,000 rpm |

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## Station 6:

| | |
|---|---|
| Horizontal | 4-fold turret without drive |
| Vertical | Not used |

## Station 7:

| | |
|---|---|
| Horizontal | 6-position turret with WAN, 10,000 rpm |
| Vertical | Not used |

## Station 8:

| | |
|---|---|
| Horizontal | 6-position turret with WAN, 10,000 rpm |
| Vertical | Not used |

## Station 9:

| | |
|---|---|
| Horizontal | 4-fold turret without drive |
| Vertical | Not used |

## Station 10:

| | |
|---|---|
| Horizontal | 6-position turret with WAN, 10,000 rpm |
| Vertical | Not used |

## Station 11:

| | |
|---|---|
| Horizontal | 6-position turret with WAN, 10,000 rpm |
| Vertical | 6-position turret with WAN 10,000 rpm |

## Station 12:

| | |
|---|---|
| Horizontal | Charging/discharging unit with double swivelling gripper + discharging belt |

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## Equipment:

| | |
|---|---|
| Chipmanagement | Chip conveyor |
| High preassure unit | Cooling unit 50 bar |
| Toolmonitoring | Toolbreaktagecontrol ARTIS |
| Rawmaterialfeed | Conveyorbelt with robot |
| Finishpartremoval | Conveyor with 3-way switch |
| Oilmistseparation | Electrostatic filter |
| Fire extraction system | Kraft + Bauer |
| Part labelling | Laser |
| Parts cleaning | HESO cleaning system |

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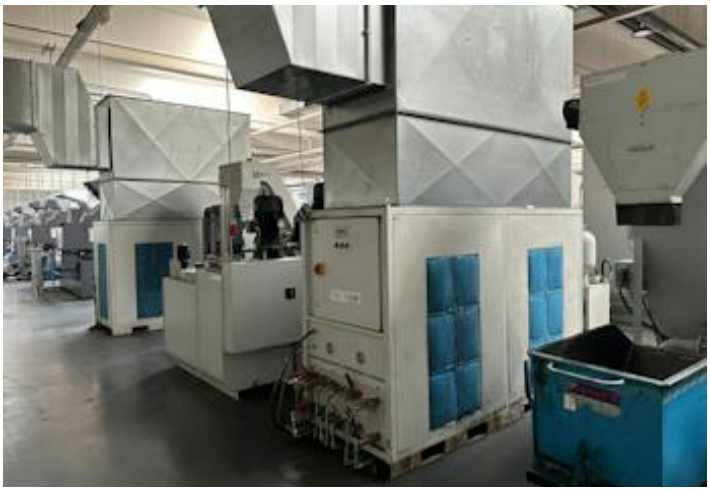
## Product images





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