



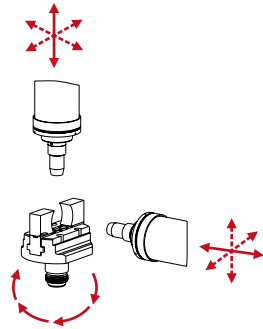
Pfiffner Rotary Transfer Machines
Precise, modular and efficient

The Pfiffner Rotary Transfer Machines

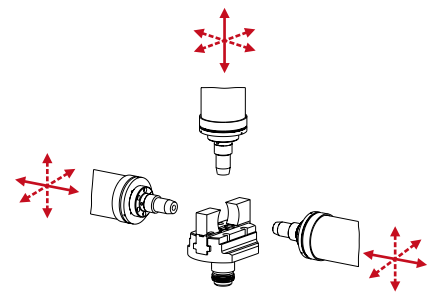
PT – Production Transfer | RT – Rotary Transfer

AT – Advanced Technology | Hydromat®

Model overview



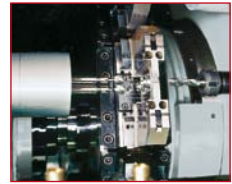
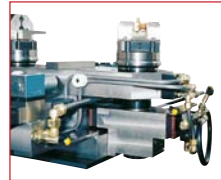
HS-machine



V-machine

General features

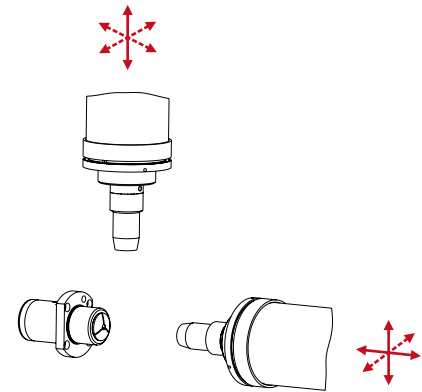
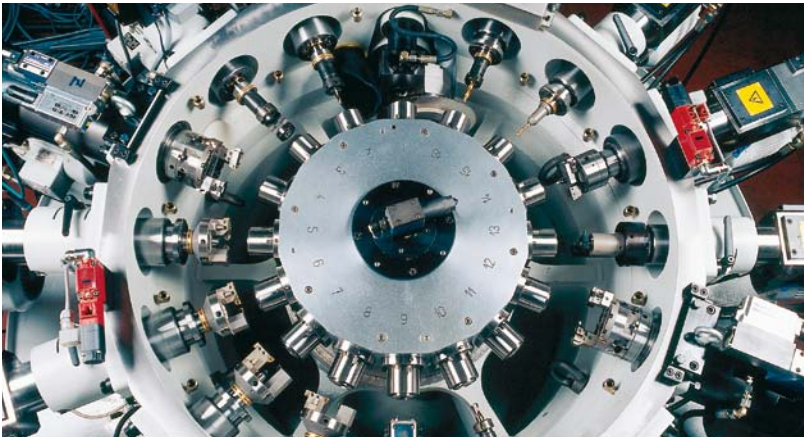
- 5-side machining in one clamping (HS-machine)
- 3-side machining in one clamping (V-machine)
- Modular concept unit
- Hydraulic technology
- Highest productivity (efficiency)
- Minimal maintenance cost



Hydromat[®] Rotary Transfer Machine Chucking

		HS-12 HS-16	V-8 V-12
Rotary indexing table	number of stations clamping element	12 16 chuck	8 12 chuck
	indexing time	1,0 second	1,0 second
Work piece dimensions (max.)	bar material Ø	120 x 120 x 120 mm	200 x 60 x 60 mm
	cubic capacity	100 x 100 x 100 mm	200 x 30 x 30 mm
	length capacity	200 mm 150 mm	300 mm
Number of machining units	horizontal	12 16	5+6 8+9
	vertical	6 8	5 8
	total no. of units	18 24	16 25
Machine size and weight	l x w x h	5,7 x 4,0 x 2,9 m	9,8 x 3,5 x 3,6 m*
	approximate weight	8 tons 8,5 tons	6,5 tons tons

* with bar feeder 4m



General features

- Modular concept unit
- Hydraulic technology
- Highest productivity (efficiency)
- Minimal maintenance cost



Hydromat® Rotary Transfer Machine Collet clamping

		HW 25/12	HB 45/12	HB 32-16 HB 32-45/16
Rotary indexing table	number of stations	12	12	16
	clamping element	collet	collet	collet
	chuck	chuck	chuck	chuck
	indexing time	0,5 second	0,8 second	0,8 second
Work piece dimensions (max.)	bar material Ø	25 mm	45 mm	32 mm 45 mm
	cubic capacity	35 x 35 x 50 mm	50 x 60 x 60 mm	50 x 60 x 60 mm
	length capacity	100 mm	170 mm	150 mm
Number of machining units	horizontal	12	12	16
	vertical	6	6	8
	total no. of units	18	18	24
Machine size and weight	l x w x h	8,9 x 3,3 x 2,9 m*	9,8 x 4,0 x 2,9 m*	9,8 x 4,0 x 2,9 m*
	approximate weight	4 tons	5,8 tons	6,5 tons

* with bar feeder 4m



The world of Pfiffner's Rotary Transfer Machine

Pfiffner is the world's leading manufacturer of rotary transfer machines and offers the best solutions for work pieces at required in high volume.

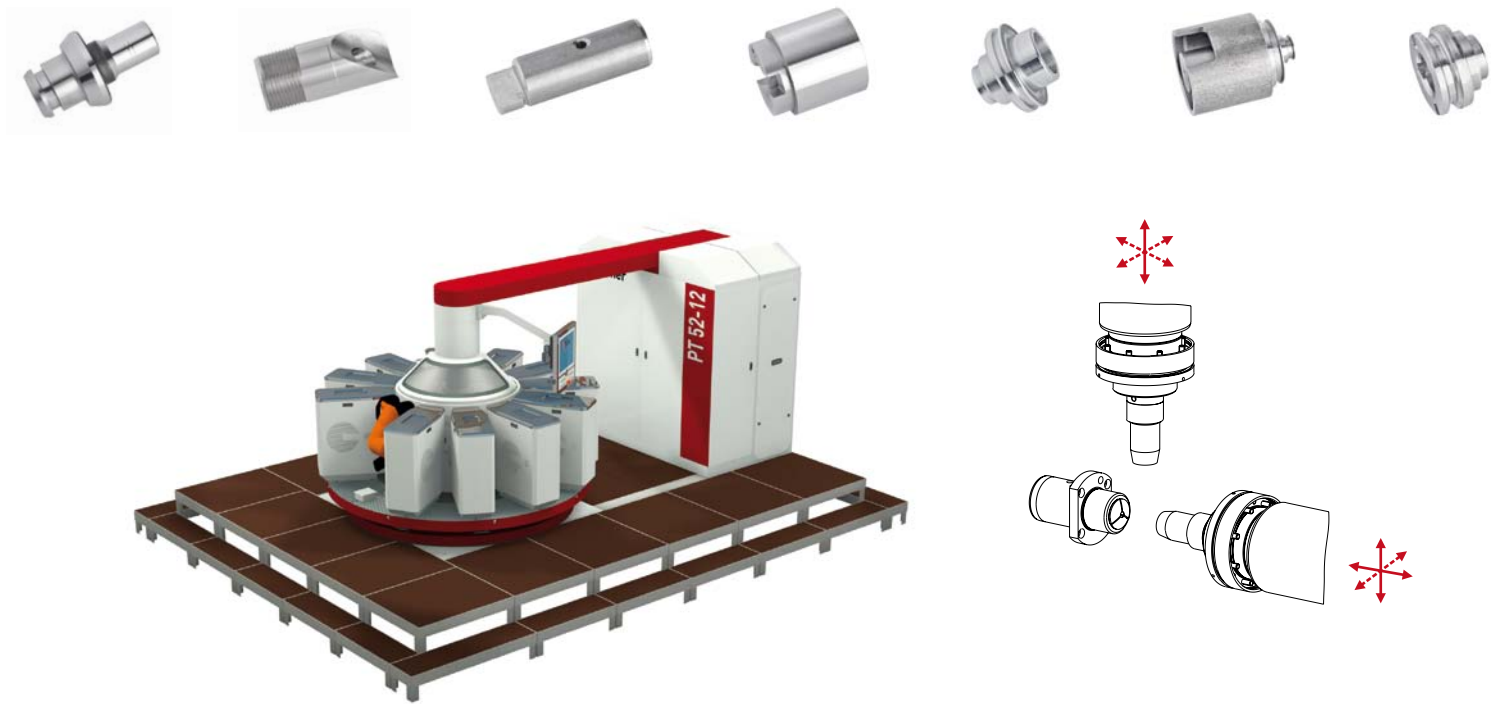
The Pfiffner rotary transfer machine can work from bar, coil or with the automatic feeding of blanks. An intelligent modular system offers maximum flexibility. The Pfiffner machine specification is essentially determined by the work piece to be machined.

Drilling, turning, milling reaming, threading and built-in measuring and assembly operations allow complex processes in one pass. The individual processing units, which are arranged around the indexing table, able to handle all cutting manufacturing steps to produce required high-precision metal parts.

Pfiffner standardized through a brilliant concept the individual processing units and processing modules so that they exchangeable at any time in the same series, with each other. This advantage opens up the production a welcome flexibility and the company a high investment protection.

If your annual production is more than 300'000 work pieces and its size is up to \varnothing 52 mm or cubic parts up to 100 mm edge length, than the Pfiffner machines are worldwide the number one.

Worldwide more than 2'400 Pfiffner Rotary Transfer Machines are installed.



General features

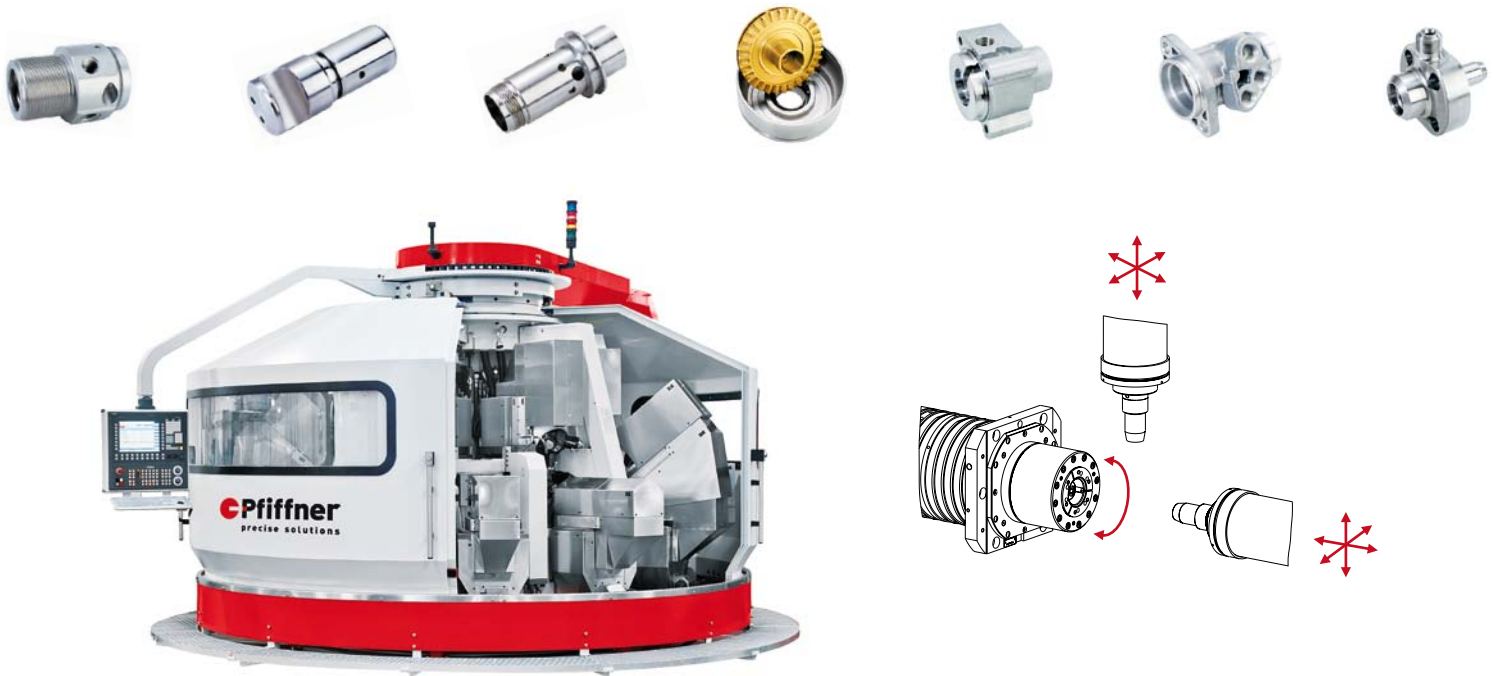
- Complete CNC-controlled
- Reliable inverting
- Single modul technology
- Automatic chucking compensation (mapping)



PT – Production Transfer

		PT 52-12 CNC	PT 45-16 CNC
Rotary indexing table	number of stations	12	16
	clamping element	collet chuck	collet chuck
	indexing time	0,8 second	0,8 second
Work piece dimensions (max.)	bar material Ø	52 mm	45 mm
	cubic capacity	50 x 60 x 60 mm	50 x 60 x 60 mm
	length capacity	150 mm	150 mm
Number of machining units	horizontal	12	16
	vertical	6	8
	total no. of units	18	24
Machine size and weight	l x w x h	11,0 x 4,5 x 2,6 m *	11,0 x 4,5 x 2,6 m *
	approximate weight	9 tons	10 tons

* with bar feeder 4m



General features

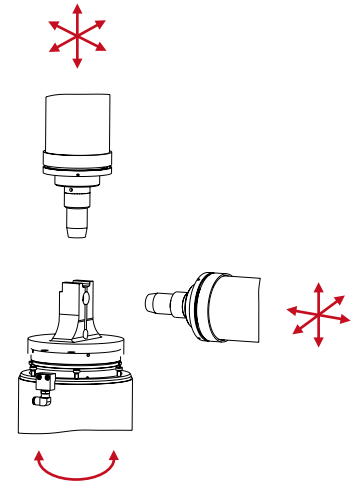
- Modular unit concept
- Processing on stationary and rotating work piece
- Multiple fixed and rotating tools
- 3 up to 6 multiple turret
- Free combinable horizontal and vertical processing



RT – Rotary Transfer

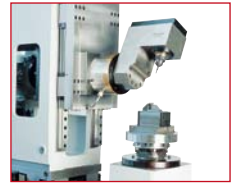
RT 100-12 CNC

Rotary indexing table	number of stations	12
	clamping element	collet chuck
	indexing time	1,3 seconds
Work piece dimensions (max.)	bar material Ø	52 mm
	cubic capacity	100 x 100 x 100 mm
	length capacity	150 mm
Number of machining units	horizontal	12
	vertical	6
	total no. of units	18
Machine size and weight	l x w x h	7,0 x 8,0 x 3,3 m
	approximate weight	22 tons



General features

- Complete CNC-controlled
- Up to 3 tools per station and up to 5 free programmable, interpolated axes
- With one clamping – 5 side processing
- Equipped with collets or chucks
- Holder and work piece building one unit



AT – Advanced Technology

		AT 150-10 CNC	AT 150-14 CNC
Rotary indexing table	number of stations	10	14
	clamping element	clamping pallet 150 mm	clamping pallet 150 mm
	indexing time	2,5 seconds	2,8 seconds
Work piece dimensions (max.)	bar material Ø	100 x 100 x 50 mm	100 x 100 x 50 mm
	cubic capacity	150 mm	150 mm
	length capacity		
Number of machining units	horizontal	9	13
	vertical		
	total no. of units	9	13
Machine size and weight	l x w x h	6,0 x 5,5 x 3,6 m	6,5 x 6,0 x 3,6 m
	approximate weight	15 tons	20,5 tons

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