

# Automatic pallet change

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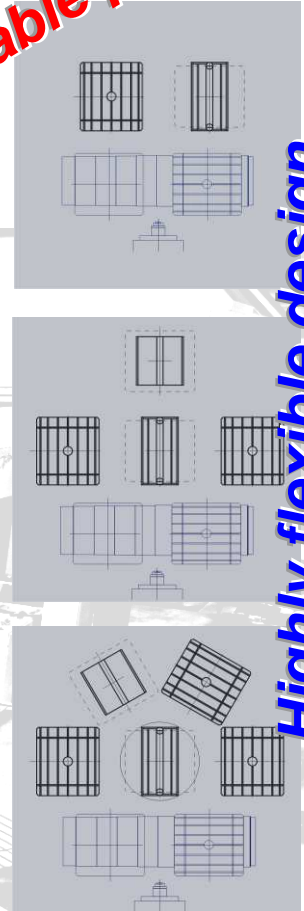
New goals need new solutions

**SYSTEMS OF AUTOMATIC PALLET CHANGE WILL SIGNIFICANTLY INCREASE THE MANUFACTURING PRODUCTIVITY.**

**Pallet systems for applications in machines from the product range of TOS VARNDORF, a.s.**



**Wide range of exchangeable pallets**



**Highly flexible design**



## RANGE OF PALLET

**Workpiece weight till 30 tons**

**Clamping surface size till Ø 3,000 mm**

**We are prepared to supply any other design of the automatic pallet change:**

- other clamping surface dimensions
- other pallet carrying capacity
- other number of pallets in system
- interconnection with FMS

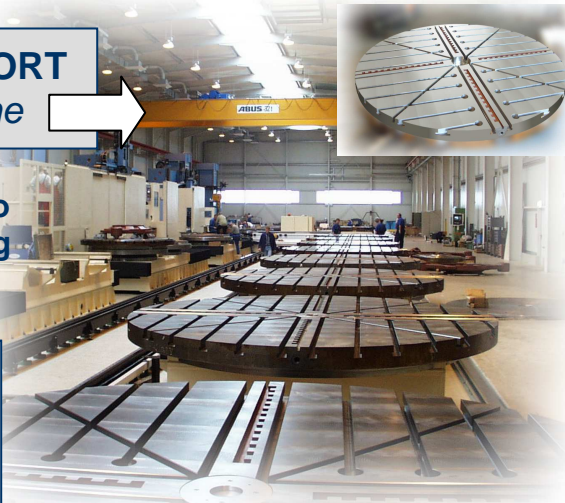
**IT IS ALSO POSSIBLE TO SUPPLY THESE SYSTEMS FOR OTHER MANUFACTURERS' MACHINE TOOLS.**

## PALLET TRANSPORT SYSTEM TOSline

**We are able to supply also special solution according customer's requests**

## PALLET SYSTEM FOR CAROUSEL OPERATIONS

**Examples of special design**





**TOS VARNSDORF a.s.**

# Automatic pallet change

**max. load till 30 tons**

## BASIC TECHNICAL SPECIFICATIONS

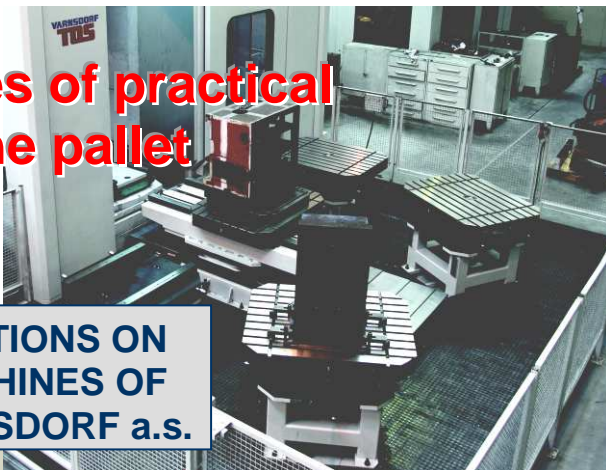
Pallet type designation		P 4	P 5	P 8	P 16	P 30 TOSline
Clamping surface size	mm	1,000 x 1,000 1,000 x 1,250	1,250 x 1,400 1,250 x 1,600	1,250 x 1,250 1,250 x 1,600 1,600 x 1,800	1,600 x 1,600 1,600 x 2,000 1,800 x 1,800	2,500 x 2,500 Ø 3,000
Pallet max. load	kg	4,000	5,000	8,000	16,000	30,000
Pallet travel dimension	mm	1,600, 2,000	1,600, 2,000, 2,500	2,000, 2,500, 3,000, 3,500, 4,000	3,000, 3,500, 4,000	till 80,000
Number of pallet in the system		till 4	2	till 4	2	till 27

We are prepared to supply any other design of automatic pallet exchange.

**TOSline** is modern logistic equipment used for the fully automated transport of workpieces between separate process shops.



**Examples of practical use of the pallet systems**



**APPLICATIONS ON ALL MACHINES OF TOS VARNSDORF a.s.**

### PALLET TRANSPORT SYSTEM TOSline

#### Our Services

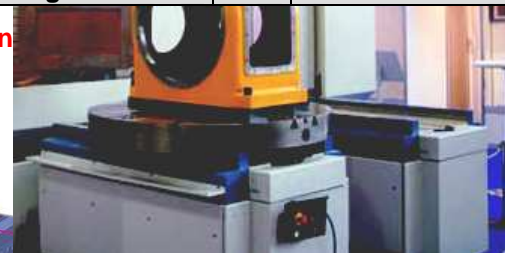
- prepare an offer design of the pallet system
- complete the system with the machines of our own production
- implement the automatic operation
- train the operators in controlling the system

### PALLET SYSTEM FOR CAROUSEL OPERATIONS

Design with or without of pallet travel.

Clamping surface size	mm	1,000 x 1,000, Ø 1,250
Pallet max. load	kg	2,500
Number of pallet in the system		till 4
Max. circular working feed	RPM	250

Example of design



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[www.tosvarnsdorf.eu](http://www.tosvarnsdorf.eu)



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