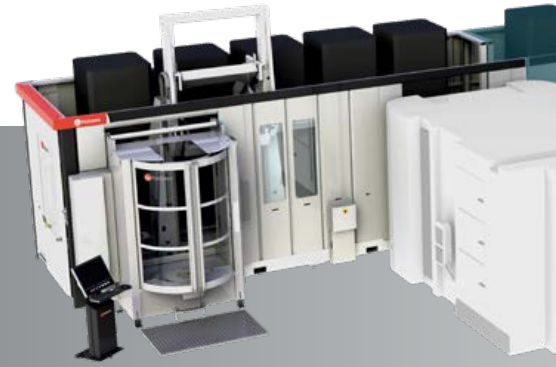




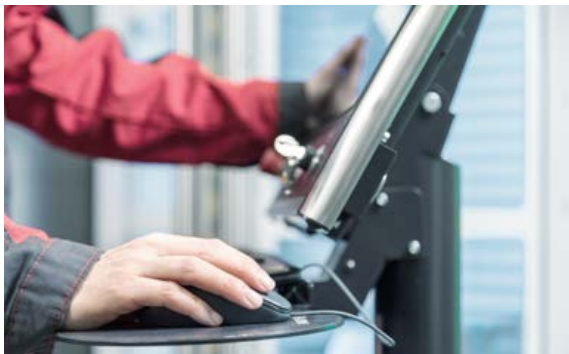
Easy and extendable automation.

Flexible Pallet Container (FPC)

Investment that is never lost.



Automating machining processes and enabling continuous, unattended operation are proven ways to improve productivity and profits. Make the most out of 8,760 hours a year with the compact and versatile Flexible Pallet Container that is easy to use and can be extended later with a minor investment.



Typical payback with 2 machine tools

**250 %
faster
payback**

	No automation	With automation
Investment cost *	800,000 €	1,100,000 €
Machining hours/year **	3,200 h	10,200 h
Machine tool utilization rate	40%	85 %***
Total income per year (machining sales price 100 €/h)	320,000 €	1,020,000 €
Payback time	2.5 years	1 year



* calculated with 2 x 5-axis HMC

** 50 weeks, 5 days per week, 2 manned shifts (+1 unmanned when automated) per day

*** no spindle time loss due manual setup changes + unmanned night shift)



- **FAST INSTALLATION**
with standardized solution
- **EASILY SCALABLE**
from 1 to 3 machine tools
- **LEAN MANUFACTURING**
production just in time
- **FAST PAYBACK**
2.5 times faster payback

Comparison on 3 types of standardized automation systems

	Machine tool with APC	Pallet pool	FPC
Pallets per machine tool	2	6	12
Production hours per year *	4,000	5,000 + 35%	6,000 + 50 %
Average machine utilization	40%	65%	85%
Machine tools controlled by 1 operator	1	1	3
Shared fixtures between machine tools	–	–	v
Extendable system	–	–	v
Cost of extension	Buy a new system	Buy a new system	Low cost
Unmanned production capacity (pallets)	1	6	Up to 36
Production reports	No	Per machine	Entire system
Real-time automatic KPI reports	–	–	v
Order priority	Manual	Manual	Automatic
Auto-scheduling	–	–	v
Production order management	–	–	v
System availability	Low	High	High

* 50 weeks, 5 days/week, 3-shift operation (2 manned)

We are Fastems. We are here for you.

"At Fastems, we believe that building and maintaining a strong manufacturing base is essential for the development of our society and the well-being of the people."

That is why we do everything in our power to increase the competitive advantage of our customers and to make their production facilities as efficient, profitable and forward-thinking as possible – through intelligent digitization and process automation.

- Decades of industry experience and more than 4,000 successfully installed systems worldwide
- Systems that optimize your time cycles, reduce costs and improve the usability of your existing machinery

- Systems that have been developed with the health and safety of your personnel in mind
- 24/7 support to ensure maximum productivity during all 8,760 hours of the year

We look forward to helping you determine the potential of your manufacturing processes and to finding a solution that is right for you!



4,000
installed systems
of which 500+ FPCs

1982
first system installation –
it's still running

24/7
worldwide
technical support

8,200
record of customer's
annual spindle hours