

## DATA:

### Technical data HTC 300 R / HTC 300 T:

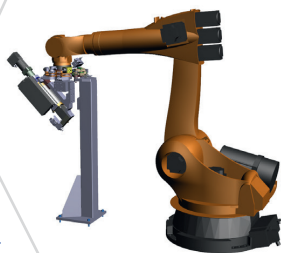
nominal load:	300 kg
operating temperature:	min. 10 °C / max. 60 °C
IP-code:	IP 64
performance level	E
diameter: (without hose- and cable connections)	527 mm
overall height: (HTC 300 R/HTC 300 T coupled)	80 mm
weight:	17 kg (basic unit without media connections)
series:	
HTC 180	180 kg / load
HTC 300	300 kg / load
HTC 600	600 kg / load

### ACCESSORY:

- Tool rest
- Modular design enables customized adaptations
- optional inductive or mechanical tool retrieval

### Additionally available:

Programming kit and transport jig



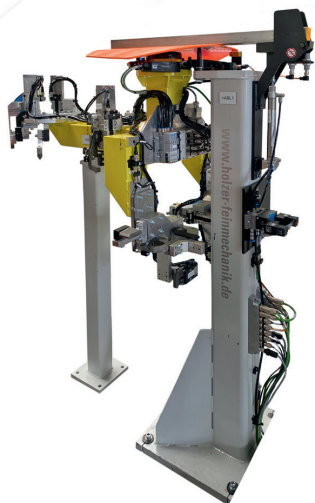
### MACHINE TOOLS:

- CNC milling
- CNC turning
- CNC grinding
- honing
- lapping
- air conditioned measuring room

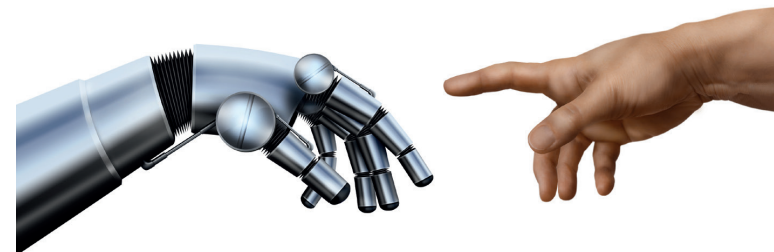


### REFERENZEN:

- aerospace industry
- medical technology
- defence technology
- gear manufacturing
- automotive industry
- chemical industry
- pharmaceutical industry



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Robotic Tool Changer HTC – We give the robot a hand!

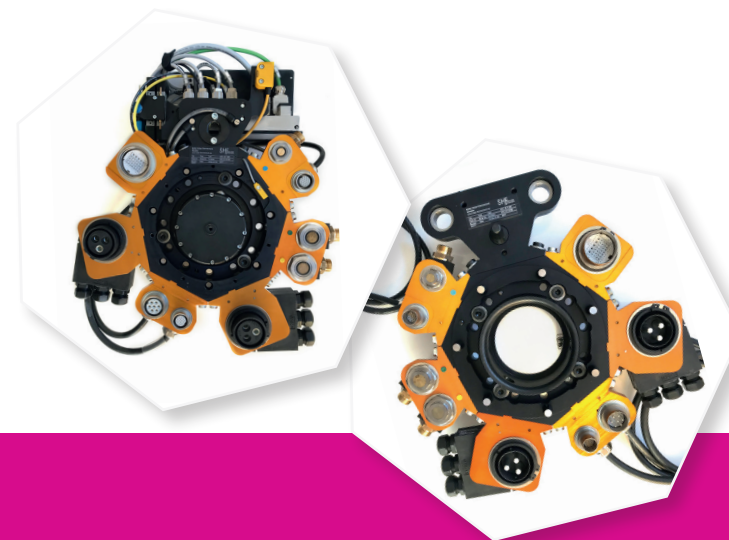
Experience · Engagement · Quality

## HOLZER

### Robotic Tool Changer

### HTC 180 HTC 300 HTC 600

### Made in Germany

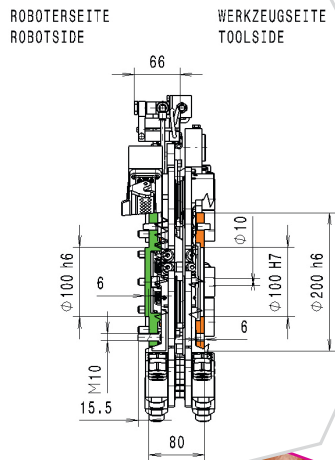


www.holzer-feinmechanik.de

## THE HTC SYSTEM

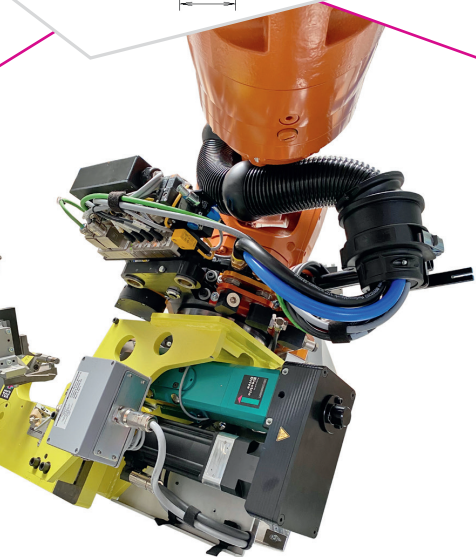
Today robots have become an indispensable production good in modern and flexible manufacturing facilities. The pricing history of robots nowadays enables even small and medium-sized enterprises the usage of these resources.

The application of flexibly equipped tool changing systems reduces the return of investment to a minimum and ensures an optimal degree of efficiency of the robots.



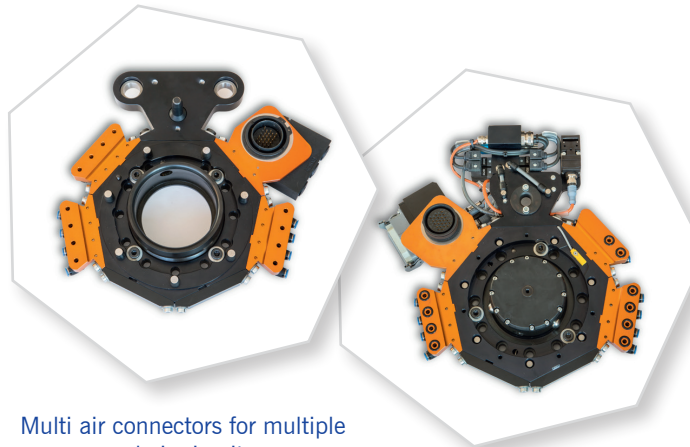
The **HTC system** is the further development of an advanced and patented technology which has been in worldwide operation for decades. The modular design enables the use in nearly all ranges of production such as automotive, aerospace, plastic, glass and packaging industry.

**extremely flat design**  
80 mm and a low weight

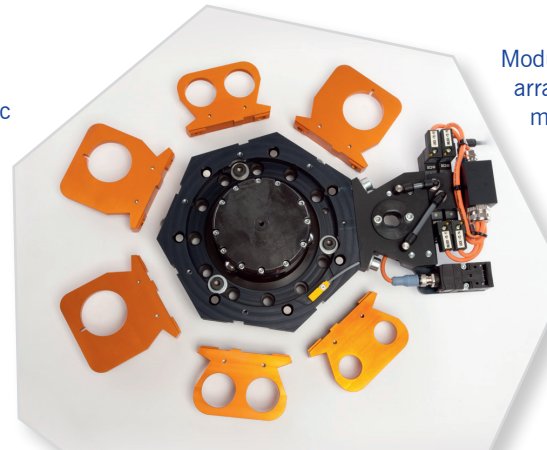


## SIGNIFICANT ATTRIBUTES OF THE HTC SYSTEM

- absolutely safe and clearance-free, patented safety-ballshaped coupling system with ISO flange
- high safety standard by use of double valve technology with bistable valves
- lock position under pressure
- in case of pressure drop a self-locking safety mechanism ensures the automatic locking mechanism
- non-destructive separation of the system in case of breakdown (emergency release)
- minimal space restrictions due to compact design with integrated air- and cable channels
- dirt-proof locating face ensures high repeatability
- experience in automotive industry for more than 30 years



Multi air connectors for multiple compressed air circuits



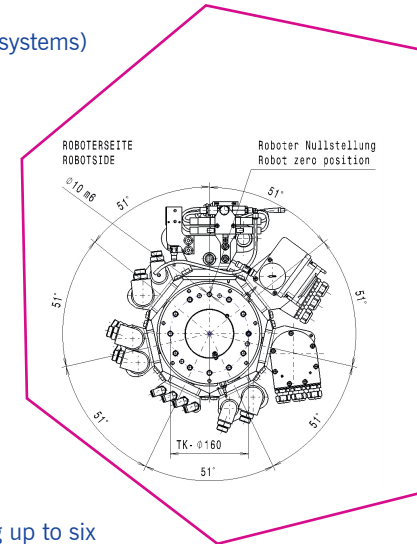
Standardized media holders and safety logic are same built and therefore useable with all three load classes



Modular  
arrangement of  
media support

## QUICK CONNECTOR SYSTEM

- control current (all bus systems)
- primary current
- secondary current
- water
- oil
- air
- vacuum
- gases (inflammable)
- paste like goods (on request)
- special media (on request)
- connectors for servo technology



Individual placement using up to six standardized media holders for 1-3 media couplings.

Special holders on request.

Video footage showing our HTC system in action:

