



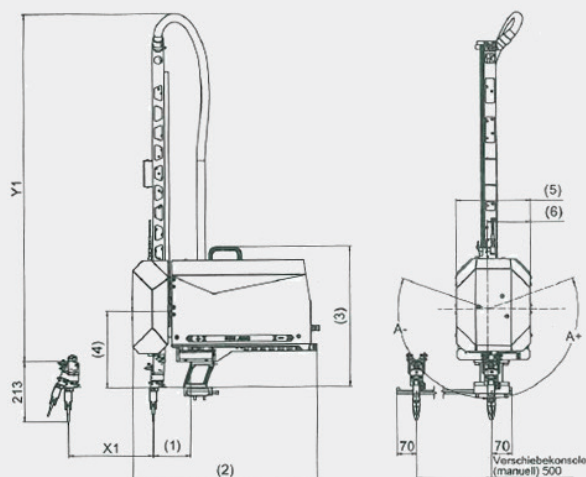
5 YEAR
WARRANTY
100% GEIGER HANDLING QUALITY



HANDLING · AUTOMATION

More than 30 years ago, **Geiger Handling** launched the first pneumatic picker on the market. Due to continuous further development, the Motion Picker is used by almost all well-known companies worldwide.

- proven **modular system**
- intuitively programmable **controller**
- highly dynamic **servo drive technology**
- precisely matched **expansion options**
- sprue removal, part insertion, stacking or palletizing
- load capacity **1,5 kg or 3,0 kg**
- use on injection moulding machines, autom. processing machines, assembly applications



MOTION PICKER

X1	300; 400
Y1	1195 (Y 800); (Y 500 - Y 1000)
A+	105°
A-	-105°
(1)	137,2
(2)	703
(3)	509
(4)	391,3
(5)	265
(6)	159

Dimensions in mm

MOTION PICKER 1.5

- freely programmable control with EASY TOUCH
- 1 Compressed air circuit

Axes X/Y/Z:	AC-servo motor
Repeatability	±0,1 mm
Part and gripper weight together	1,5 kg
For inj. moulding machines up to	3000 kN
Connected load	110/230 V (60/50)
Comp. air connection	6 bar
Comp. air consumption	0,3 NI/cycle (without vacuum)
Interface	Euromap 64 signals



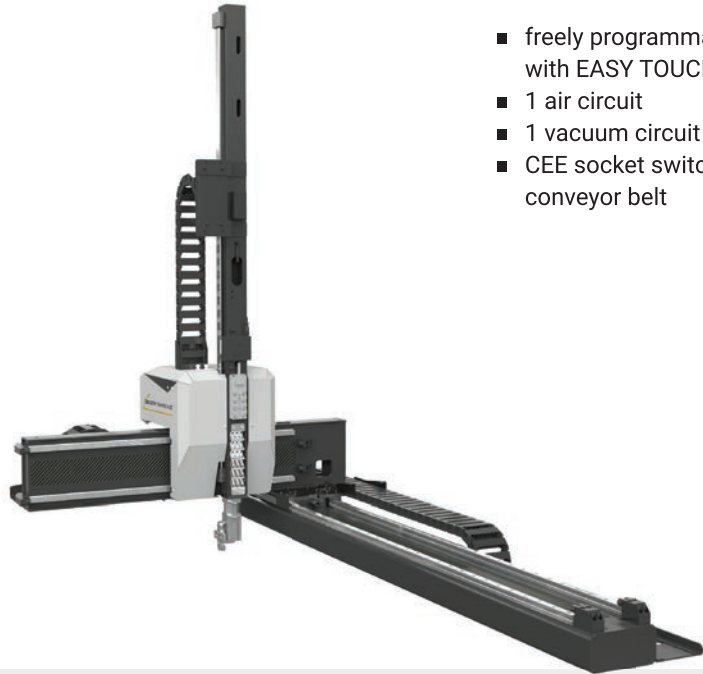
MOTION PICKER 3.0

- freely programmable control with EASY TOUCH
- 1 Compressed air circuit



Axes X/Y/Z:	AC-servo motor
Repeatability	±0,1 mm
Part and gripper weight together	3,0 kg
For inj. moulding machines up to	3000 kN
Connected load	110/230 V (60/50)
Comp. air connection	6 bar
Comp. air consumption	0,3 NI/cycle (without vacuum)
Interface	Euromap 64 signals

MOTION LINER 5.0 | 10.0 | 20.0



- freely programmable control with EASY TOUCH
- 1 air circuit
- 1 vacuum circuit
- CEE socket switched for conveyor belt

More than 30 years ago, **Geiger Handling** launched 3- and 5- axis handling devices on the market. Due to **continuous further development**, the Motion Liner is used by almost all well-known companies worldwide.

- proven **modular system**
- intuitively programmable **controller**
- highly dynamic **servo drive technology**
- precisely matched **expansion options**
- sprue removal, part insertion, stacking or palletizing
- load capacity **5.0, 10.0 or 20.0 kg**
- use on injection moulding machines, autom. processing machines, assembly applications

5.0 (max. 5 kg) | 10.0 (max. 10 kg) | 20.0 (max. 20 kg)

Axes X/Y	AC-linear motor
Axes Y	AC-servo motor
Repeatability	±0,1 mm
Part and gripper weight together	5/10/20 kg
Connected load	400 - 480 V (60/50 Hz)
Comp. air connection	6 bar
Interface	Euromap 67 signals

OPTIONS

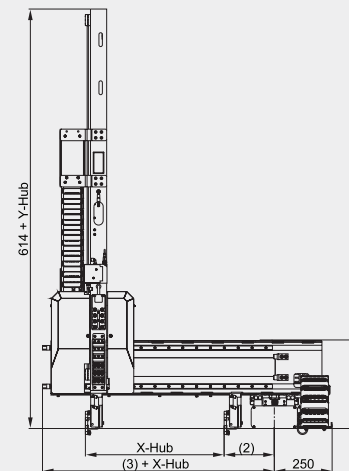
- version **Dual-Y**
- version **180°**
- version **360°**

	5.0, 10.0	20.0
X stroke	600; 800	
X stroke	800 - 1600	
Z stroke	1600 - 4300	
(1)	361	383
(2)	182	217
(3)	325	403
(4)	559	592
(5)	435	501
(6)	119	159
(7)	554	660

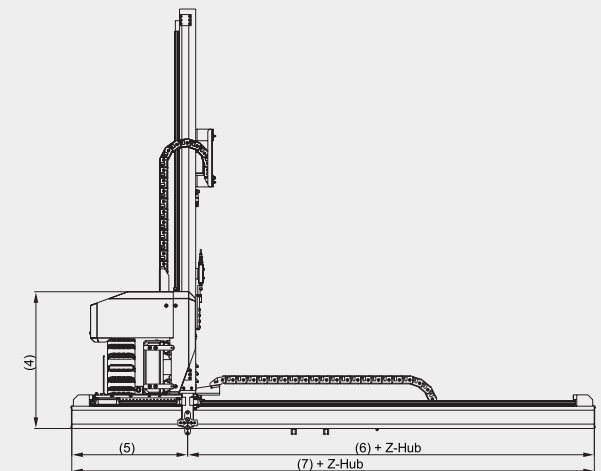
Dimensions in mm

APPLICATION

- extremely rigid design
- part insertion/extraction
- fast and precise



Picture: MotionLiner 20.0



MOTION LINER 5.0 XD | 10.0 XD | 20.0 XD



- freely programmable control with EASY TOUCH
- 1 air circuit
- 1 vacuum circuit
- CEE socket switched for conveyor belt

5.0 (max. 5 kg) | 10.0 (max. 10 kg) | 20.0 (max. 20 kg)

Axes X/Y	AC-linear motor
Axis Y	AC-servo motor
Repeatability	±0,1 mm
Part and gripper weight together	5/10/15/20 kg
Connected load	400 - 480 V (60/50 Hz)
Comp. air connection	6 bar
Interface	Euromap 67 signals

OPTION

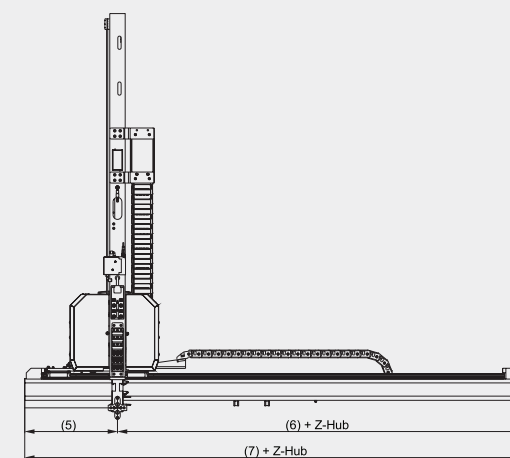
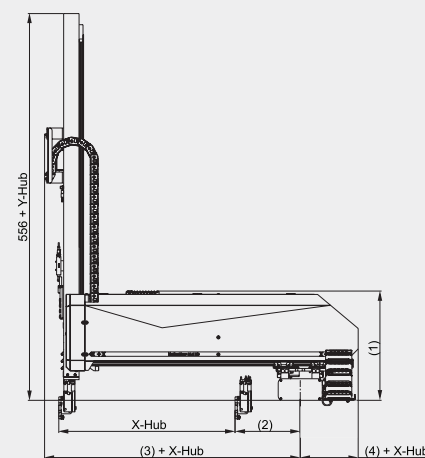
- Multi Head

	5.0, 10.0	20.0
X stroke	600; 800	
X stroke	800 - 1600	
Z stroke	1600 - 4300	
(1)	496	496
(2)	277	296
(3)	356	361
(4)	263	263
(5)	411	421
(6)	239	239
(7)	660	660

Dimensions in mm

APPLICATION

- **high dynamic** X-axis
- **2 component** applications
- tools with **high core puller**
- machine intrusion **from above**



Picture: MotionLiner 20.0 XD

OPTIONS

MOTION LINER 5.0 | 10.0 | 20.0 MULTIHEAD

APPLICATION

- several parallel applications
- connected moulding machines
- automation processes
- modular system
- extremely rigid design



MOTION LINER 5.0 | 10.0 | 20.0 DUAL-Y

APPLICATION

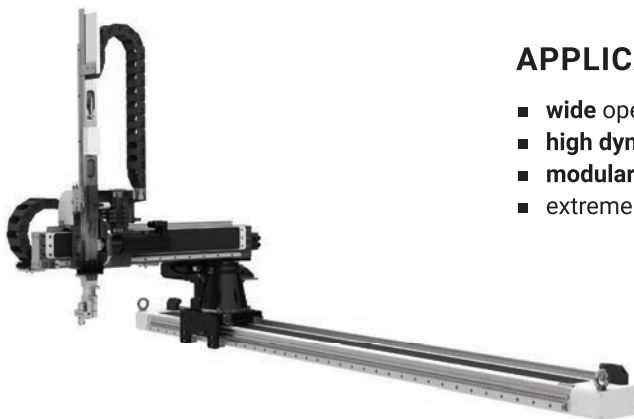
- several parallel applications for 3 plate tools
- modular system
- extremely rigid design



MOTION LINER 5.0 | 10.0 | 20.0 180°

APPLICATION

- wide operation range
- high dynamic 180° rotation
- modular system
- extremely rigid design



MOTION LINER 5.0 | 10.0 | 20.0 360°

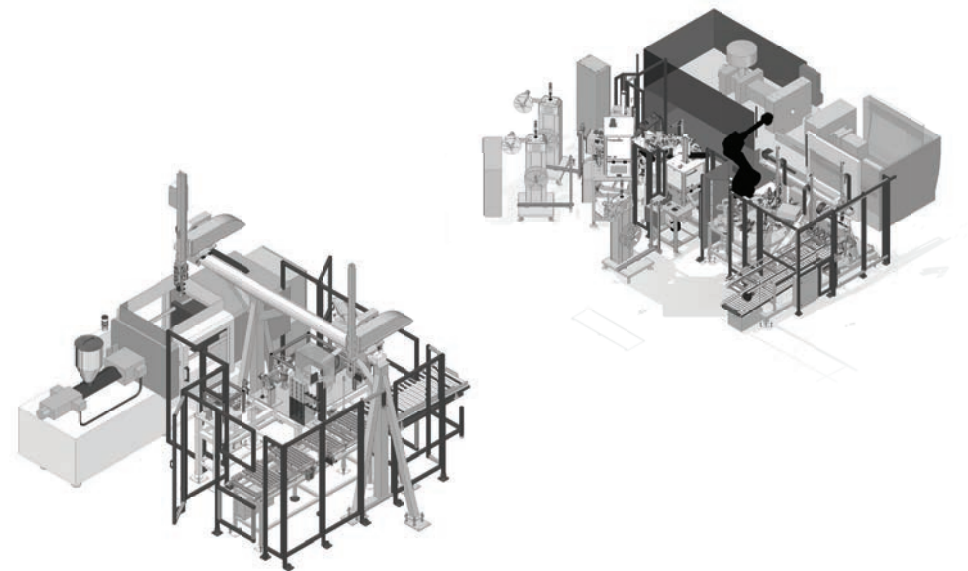
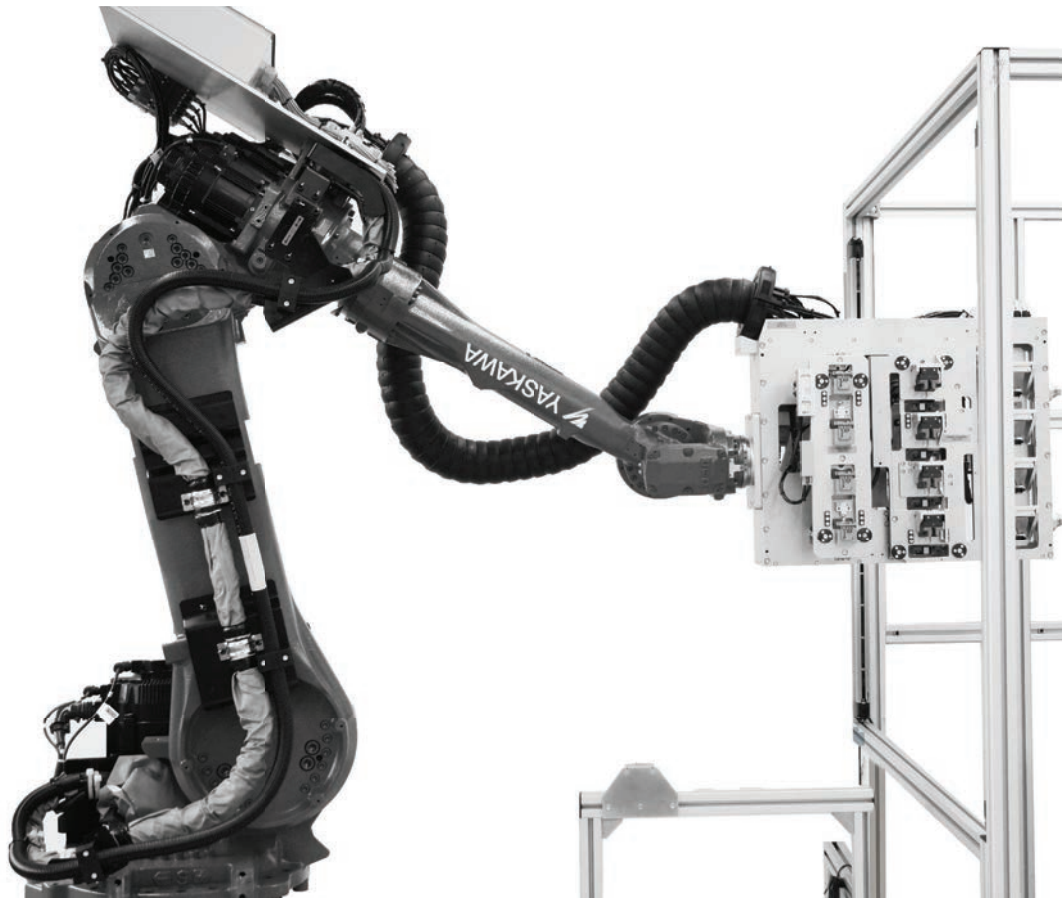
APPLICATION

- wide operation range
- high dynamic 360° rotation
- modular system
- extremely rigid design



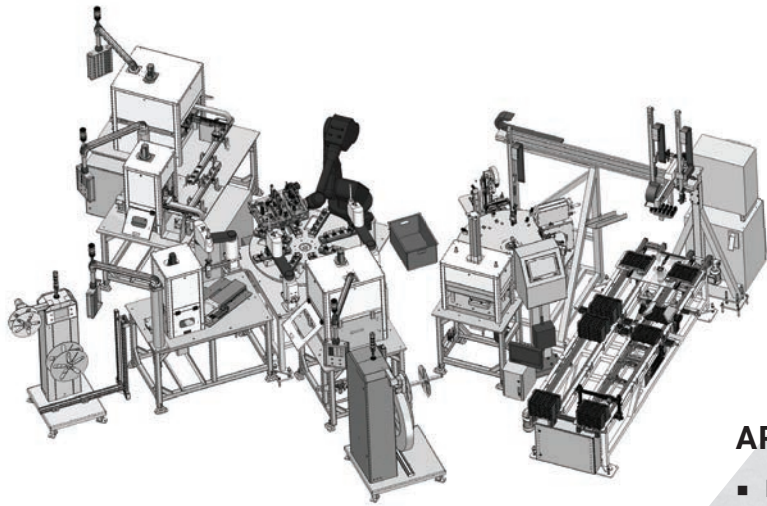
AUTOMATION & PROCESS CHAINING

We accompany our customers at all process steps:
Development - engineering - process-reliable production



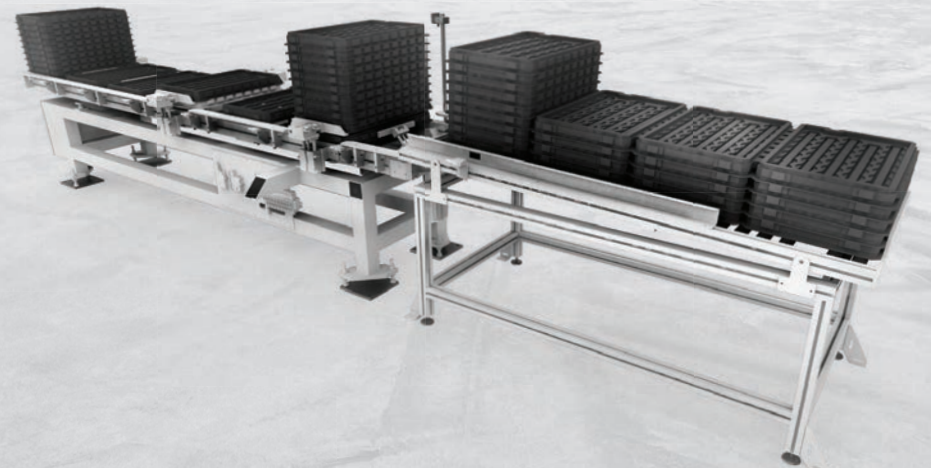
OPTIONS

- Cleanroom applications
- Medical technology
- Food industry
- Packaging industry
- Plastics processing
- Automotive industry
- Furniture industry
- Aerospace
- Metalworking
- Electrical engineering/electronics industry



APPLICATION

- MotionServer for variable container transport
- variable layer number
- individual stack heights
- ideal combination with a MotionLiner





THE GEIGER WARRANTY

5-year-warranty on all Motion Pickers and Motion Liners*.

As the link between the machine and the workpiece, handling devices have an enormous influence on process accuracy and efficiency. Their stability and precision are the basis for reliability and utilization rate of the injection molding machine and machine tools.

The Motion Pickers and Motion Liners convince through **reliability and highest quality**. Our Standards are constantly rising. - With the 5-year manufacturer's guarantee, Geiger Handling has this virtue made a company promise.

✔ Low holding time ✔ High precision ✔ 5-year-warranty

* Applies to new equipment sold for the first time after 01.01.2020 and with annual maintenance of new equipment by our service experts.



CONTACT

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CONTACT US!

We will be happy to provide you with comprehensive advice regarding your business requirements. Your message will be sent to our GEIGER experts.



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info@geigerhandling.de



SERVICE-HOTLINE

+49 (0) 1806 181851
(fixed network: 0,20 €/call;
mobile: 0,60 €/call)

EN_10/19 Subject to change. The shown machines can contain options, accessories and control variants.