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in action on  
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## Machine Frame and Male Die

- The machine frame is made of a high-precision, stress-relieved steel weldment and features a rigid bending bar and hydraulic cylinders on both sides
- A large throat and narrow table ensure plenty of free space to accommodate complex bending sequences

## Hydraulics

- The hydraulic unit with reservoir is placed in the top part of the machine frame to save space and add to the rigidity of the construction
- Precise upper beam positioning is ensured by a torsion shaft that connects the depth stops of both cylinders

## Front Support Arms

- Each support arm can be adjusted in height and is extremely sturdy
- A stop ridge on the supporting surface helps with workpiece alignment

## Bending Tools

- Promecam tool mounts to accommodate an extensive selection of bending tools
- Manual quick-action clamping system for tool mount shortens tool changing times
- With 4 bending dies the die can handle a wide spectrum of workpieces

## Safety and Productivity

- Safety features are based on the latest CE regulations
- Light curtains around the work area provide reliable protection



## Back Gauge

- The excellent stability of the NC-controlled back gauge is an important factor for achieving excellent machining precision
- Linear guides and large preloaded ball screws are low maintenance and extremely sturdy
- The motorized R-axis simplifies the precise stop-height set-up
- Lateral positioning of back gauge fingers on dual, smooth-running linear guides

## Standard Equipment

Weintek 7" NC-control, motorized backgauge X-axis, motorized backgauge R-axis, Upper tool H European style H = 67 mm (segmented), european type bottom tool 4V, sliding front support arms (2 pcs), light curtain, foot pedal with e-stop switch, operator instructions

## Control

- All functions are input and retrieved directly at the touchscreen
- In manual mode, all axes can be positioned via motorized motion and the set values are shown on the display
- In semi-automatic mode, the values entered by the user are directly selected
- In auto. mode, the programmed bending sequence is positioned automatically
- Each storage area holds 500 data sets, and programs can be stored externally and re-imported
- The axis position is maintained when the display is turned off
- In addition to a USB port, the machine also features a network port at the control panel

## Options

Options	Part No.
• motorized crowning for AHK M NC	253726
• extended backgauge for X-axis (1540 NC / 2160 NC)	253659
• additional backgauge finger (pc) (1540 NC / 2160 NC)	253660

## Specifications AHK M

		1230 NC	1540 NC	2160 NC
<b>Working area</b>				
Pressure force	t	30	40	60
Brake length	mm	1.250	1.550	2.100
Distance between columns	mm	1.010	1.260	1.700
Throat	mm	255	320	320
Stroke	mm	150	160	160
<b>Travels</b>				
Travel in X-axis	mm	500	600	600
<b>Feed</b>				
Bending speed	mm/s	10	10	10
Rapid feed	mm/s	70	90	90
<b>Drive capacity</b>				
Motor rating main drive	kW	3	5,5	7,5
Motor rating X-axis	kW	0,55	0,75	0,75
Motor rating R-axis	kW	0,25	0,25	0,25
<b>Measures and weights</b>				
Overall dimensions (length x width x height)	m	1,76x1,38x2,14	1,7x1,6x2,23	2,35x1,6x2,23
Weight	kg	1.700	3.450	4.340
Part No.		182640	182641	182642