

**KUHNE GmbH**, is introducing a new extruder type named **K45 – 24D neo**, with components that have been reengineered to make standardized, but high performing extrusion that is accessible for everyone. Below are the general specs of the extruder and more can be provided upon request.



**Technical Data:**

**Extruder Type:**

**K45 – 24D neo with 24/1 length diameter ratio**

**Maximum Output:**

(depending on raw material grade & screw design)

Type	Kg/h	Lbs/h
PE-HD	100	220
PE-LD	120	264
PVC	80	175
PP	80	175
TPE	50	110
TPU	75	165

<b>Extruder Stand:</b>	Welded steel construction with incorporated cabinets
<b>Extrusion Height:</b>	1,150 mm (floor to screw center)
<b>Motor:</b>	15 kW AC, Air cooled
<b>Gear Box:</b>	3.400 Nm, two-stage design, screw take out to front
<b>Feed Throat:</b>	Grooved or non-grooved, hopper adapter and shut off slider
<b>Barrel:</b>	Nitrided, with securing flange, stud bolts and pressure sensor
<b>Heating Zones:</b>	3 + 1 for flange, 5,4 kW + 0,88 kW capacity
<b>Screw:</b>	Nitrided, barrier screw design
<b>Control:</b>	SIMATIC S7 - 1512 with two- and three position controller 7 Inch Touch Panel KTP 700 PN
<b>Add. Heating:</b>	3 zones, 1 x 230/400 V, 5 pole 16A CEE
<b>Color:</b>	"Standard Paint" (RAL 7035)

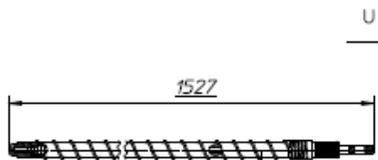
**Price:** **41.700,00 Euro**

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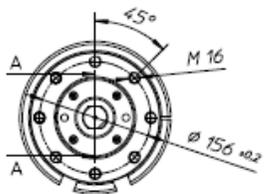
**Options:**

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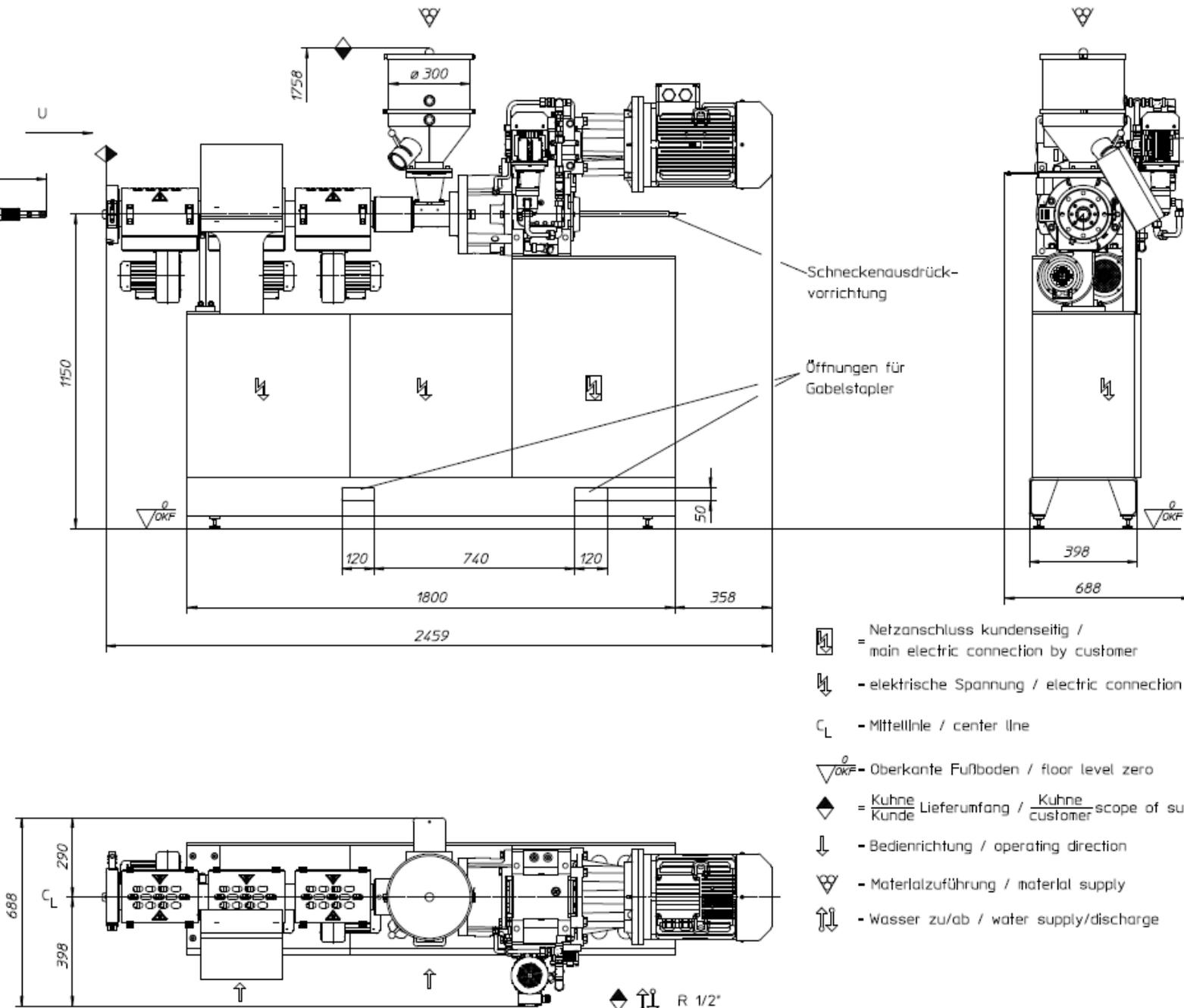
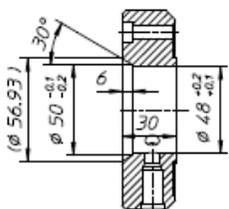
<input type="checkbox"/> <b>Extruder 1:</b>	Extruder equipped with castors (rolls)	<b>700,00 Euro</b>
<input type="checkbox"/> <b>Extruder 2:</b>	Adapter piece for downstream unit, straight design	<b>2.950,00 Euro</b>
<input type="checkbox"/> <b>Extruder 3:</b>	30 kW motor instead of 15 kW	<b>6.900,00 Euro</b>
<input type="checkbox"/> <b>Feeding 1:</b>	30 Liter hopper, stainless steel made, with socket for level control sensor, On/Off control, alarm for suction conveyors	<b>1.350,00 Euro</b>
<input type="checkbox"/> <b>Heating Upgrade:</b>	3 zones, 3 x 230/400 V, 5 pole 16A CEE	<b>1.700,00 Euro</b>
<input type="checkbox"/> <b>Add. Heating 1:</b>	+ 4 zones, 3 x 230/400 V, 5 pole 16A CEE	<b>9.950,00 Euro</b>
<input type="checkbox"/> <b>Add. Heating 2:</b>	+ 8 zones, 3 x 230/400 V, 5 pole 16A CEE	<b>13.200,00 Euro</b>
<input type="checkbox"/> <b>Control 1:</b>	Profinet Interface <b>or</b> OPC-UA Interface	<b>1.850,00 Euro</b>
<input type="checkbox"/> <b>Control 2:</b>	Pressure – RPM Control for processes without melt pump	<b>1.980,00 Euro</b>
<input type="checkbox"/> <b>Control 3:</b>	Digital and analog interfaces for communication (either extruder to haul-off <b>AND/OR</b> extruder to melt pump <b>AND/OR</b> line to extruder) 10 digital Inputs or Outputs 3 analog Inputs or Outputs	<b>1.980,00 Euro</b>
<input type="checkbox"/> <b>Control 4:</b>	Counter Clock for Production Hours	<b>300,00 Euro</b>



Ansicht U (1:5)



Schnitt A-A (1:2)



Schneckenausdrück-  
vorrichtung

Öffnungen für  
Gabelstapler

- = Netzanschluss kundenseitig /  
main electric connection by customer
- elektrische Spannung / electric connection
- Mittellinie / center line
- Oberkante Fußboden / floor level zero
- = Kuhne Lieferumfang / Kuhne  
Kunde customer
- Bedienrichtung / operating direction
- Materialzuführung / material supply
- Wasser zu/ab / water supply/discharge