

PERFECT COMPONENTS.  
PERFECT SYSTEMS.

A MEMBER OF  HTI GROUP

## CO.32 Single-Screw Co-Extruder

### Application

The CO.32 Single-screw Co-Extruder of High Tech Extrusion has been specially developed to co-extrude profiles and pipes with rigid-PVC, soft-PVC, PA, PMMA and thermoplastic elastomeres.

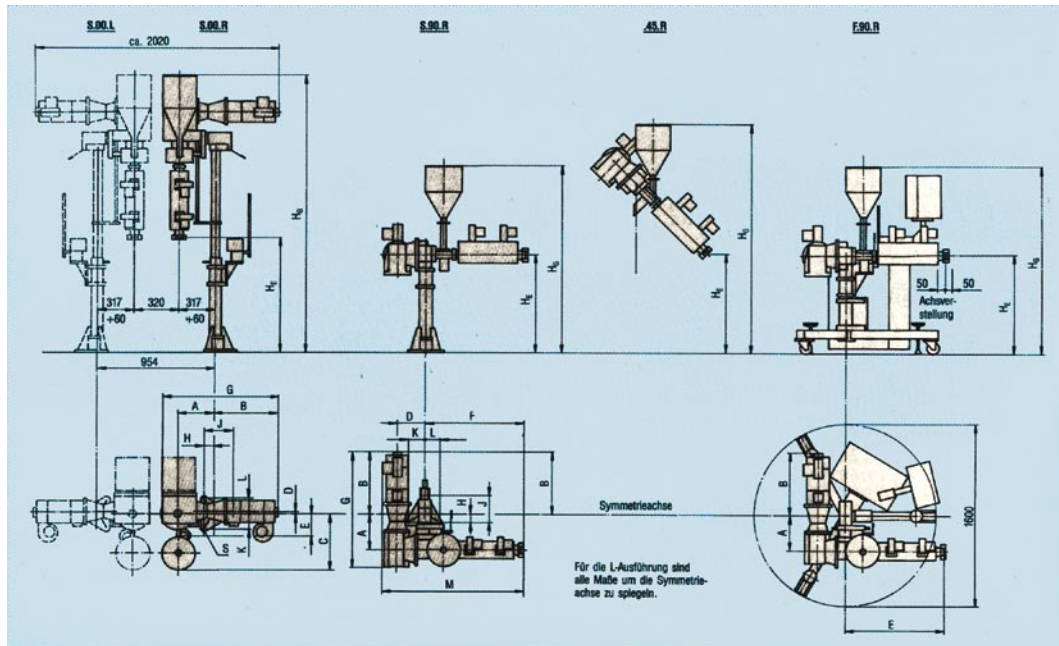
### Standard

- stationary execution screwed to the floor
- mobile execution on three feet and equipped with wheels
- control panel installed on a gantry
- flexible modular system with vertical, horizontal or with the plasticizing unit in a 45 ° angle in order to adapt to all possible space requirements
- the plasticizing unit can be mounted on the left hand or the right hand side of the mounting stand
- manual hydraulic adjustment of the height
- axial adjustment
- possibility to infinitely adapt the angle between the plasticizing unit and the mounting stand
- the plasticizing and the drive unit can be moved around the mounting stand
- the hopper can be moved sideways

### Options

- microprocessor „TEC“
- PE-screw with Medok-shearing part
- PVC-screw with mixing element
- PA-screw
- PMMA-screw
- breakerplate with short screw tip
- transmission change of screw speed
- brushless drive motors
- specific design according to customer's request





Technical Data	CO.32-20D	CO.40-25D
Screw		
Diameter/length	32 mm/20D	
Screw speed	140/200 rpm	
Torque	705/493 Nm	
Barrel		
Number of Heating Zones		2
Heating power (complete)		2,8 kW
Zone 1 - with Air Cooling		1,4 kW
Zone 2 - with Air Cooling		1,4 kW
max. Melting Pressure		1000 bar
max. Backpressure for con. Operation		64 kN
Main Drive		11 kW/AC
Motor Speed		2700 rpm

Technical Data	CO.32-20D	CO.40-25D
Die Zones		1
Volume Hopper		21 l
Voltage		3 x 400 V+0
Colour		RAL 5015/7036
Weight		630 kg
Capacity		
PVC-Rigid		2 - 20 kg/h
PVC-Soft		2 - 30 kg/h
PE		2 - 25 kg/h
PA		2 - 20 kg/h
PMMA		2 - 20 kg/h

Dimensions	20D	25D
	0	90
A	317	317
B	531.5	531.5
C	500	-
D	19	230
E	200	-
F	-	869
G	1000	1000
M	-	1286
H	85	85
J	255	255
K	147.5	147.5
L	147.5	147.5
S	Ø 13.5	Ø 13.5

Type designation (Example)					
CO.32-	20D-	S.	00.	L.	2
					1-5
					height code
				L	
					lefthand execution
				R	
					righthand execution
			00		
					vertical execution
			45		
					45 ° execution
			90		
					90 ° execution
		S			
					stationary execution
		F			
					mobile execution
			20D		
					screw length
				Type	
					screw Ø 32 mm

Minimum height H <sub>E</sub> /H <sub>G</sub> + Adjustment 350 mm					
Measurements					
Executions		Screw length 20D		Screw length 25D	
Height	0	45	90	45	90
1			890	1580	
2		525	1140	1830	
		1598			
3	835	1090	2163		
	2225				
4	985	1240	2313		
	2375				
5	1320				
	2710				