

Lines 4KN_20m/min module-45 / module-60

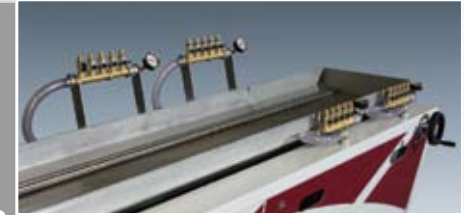
Our **module - series** doesn't just cover the usual needs in the technical extrusion, it will outperform it. Modularity and standardization - in Symbiosis - offer a wide range of possibilities to realize everybody's dreams. Unique, cutting-edge **exflex** tooling system to minimize the daily process and to reduce costs already in the first place.

ETL-Line-4KN_20m/min-module-45

ETL-Line-4KN_20m/min-module-60

consisting of:

- Single-Screw-Extruder
- Calibration table with C-rail water tub
- Belt puller-/Saw Combination
- Tilt table with packaging level



02

Lines 4KN_20m/min module _ Calibration table



03

Lines 4KN_20m/min module _ Puller/Saw

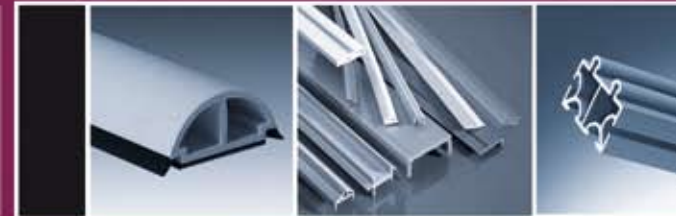
01

Lines 4KN_20m/min module _ Extruder



extru line 4KN-module-45

line 4KN-module-60



TECHNICAL DATA

ETL-Line-4KN_20m/min-module-45

Output R-PVC / S-PVC	kg/h	75 / 60
Output ABS-PP-PE-PS-PC-TPU	kg/h	50
Extrusion height	mm	970 - 1130
Profile clearance width, max.	mm	190x20 / 60x60
Color	RAL	7035 / 4004
Operating voltage / Control voltage	V	3x400/480 / 24
Frequency	Hz	50/60 ± 1%
Noise level / Surrounding temperature	db (A) / °C	< 85 / +5 - +40
Humidity / Altitude	% / m	30 - 95 / <=1000
Water consumption	m³/h	10
Air consumption / Compressed air	NL/Cycle / bar	30 / 6
Total length /-width /-height	mm	18090 / 1040 / 1995
Total load	kw	80
Total weight	kg	3750

EXTRUDER

Screw diameter (D)	mm	45
L/D Ratio	x D	30
Max. screw speed / torque	rpm / daNm	197 / 1000
Heating-cooling zones cylinder	pcs	4 / 4
Heating power cylinder	kw	10
Max.cooling air /Cooling water demand	m³/h	2500 / 0,6
Heating zones adapter / tool	pcs	1 / 2
Driving power	kw	23
Hopper volume	L	70
Length / Width / Height	mm	2130 / 900 / 1995
Weight	kg	1300

CALIBRATION TABLE

Vacuum pump(s)	pcs	1 x 4(6)kW
Water tub -length /-width	mm	4700 / 500
Length- / Height- /Side adjustment	mm	600 / +/-30 / +/-30
Water- / Vacuum connections (ABA)	mm	10 x 1/2" / 10 x 1/2"
Spray-,suction nozzles	pcs	-
Length / Width / Height	mm	6200 / 950 / 1200
Weight	kg	1300

PULLER/CUTTING UNIT

Puller force / Puller speed	kN / m/min	4 / 1 - 20
Standard puller pad width	mm	135
Contact length	mm	880
Saw blade diameter	mm	300
Length / Width / Height	mm	4170 / 1040 / 1950
Weight	kg	1150

TILT TABLE

Length / Width / Height	mm	6000 / 1200 / 1400
Weight	kg	400

ETL-Line-4KN_20m/min-module-60

Output R-PVC / S-PVC	kg/h	95 / 80
Output ABS-PP-PE-PS-PC-TPU	kg/h	70
Extrusion height	mm	970 - 1130
Profile clearance width, max.	mm	190x20 / 60x60
Color	RAL	7035 / 4004
Operating voltage / Control voltage	V	3x400/480 / 24
Frequency	Hz	50/60 ± 1%
Noise level / Surrounding temperature	db (A) / °C	< 85 / +5 - +40
Humidity / Altitude	% / m	30 - 95 / <=1000
Water consumption	m³/h	10
Air consumption / Compressed air	NL/Cycle / bar	30 / 6
Total length /-width /-height	mm	18620 / 1040 / 1880
Total load	kw	80
Total weight	kg	4150

EXTRUDER

Screw diameter (D)	mm	60
L/D Ratio	x D	30
Max. screw speed / torque	rpm / daNm	197 / 1000
Heating-cooling zones cylinder	pcs	4 / 4
Heating power cylinder	kw	10
Max.cooling air /Cooling water demand	m³/h	2500 / 0,6
Heating zones adapter / tool	pcs	1 / 2
Driving power	kw	23
Hopper volume	L	70
Length / Width / Height	mm	2675 / 900 / 1880
Weight	kg	1700

CALIBRATION TABLE

Vacuum pump(s)	pcs	1 x 4(6)kW
Water tub -length /-width	mm	4700 / 500
Length- / Height- /Side adjustment	mm	600 / +/-30 / +/-30
Water- / Vacuum connections (ABA)	mm	10 x 1/2" / 10 x 1/2"
Spray-,suction nozzles	pcs	-
Length / Width / Height	mm	6200 / 950 / 1200
Weight	kg	1300

PULLER/CUTTING UNIT

Puller force / Puller speed	kN / m/min	4 / 1 - 20
Standard puller pad width	mm	135
Contact length	mm	880
Saw blade diameter	mm	300
Length / Width / Height	mm	4170 / 1040 / 1950
Weight	kg	1150

TILT TABLE

Length / Width / Height	mm	6000 / 1200 / 1400
Weight	kg	400

CONFIGURATION

consisting of:

- Single-Screw-Extruder
- Calibration table with C-rail water tub
- Beltpuller-/Saw Combination
- Tilt table with packaging level
- PLC Control with 10 inch Touchscreen
- Operating languages in German, English, Russia, Italian, Spanish, French
- Processing unit with air cooling and therefore maintenance friendly
- Poweroutlets on the extruder to be used with additional periphery (Option)
- Calibration table with C-rail water tub
- No necessary ground work cause of an integrated rail track
- >only water-/vacuum tray is moving
- Electrical Height- /Lenght adjustment and manual side adjustment
- Belt puller with wide access for an easy puller belt change
- Saw with integrated Pneumatic-/Chain drive with cutting repeatability of +/- 2mm
- Cutting-/tilting impulse from PLC Control
- Including stand-alone suction unit



04



05

smart area