

Laboratory Extruder



LABORATORY EXTRUDER

DOSING

Dosing A:	gravimetric pellets 5 - 30 kg/h
Dosing B:	gravimetric pellets or powder 5 - 30 kg/h

EXTRUSION

Type:	twin screw extruder BT-25/40D
Diameter:	25 mm
L/D-ratio:	40 D
Speed:	500 rpm
Degasing:	2 vacuum zones
Side feeding:	1

FILTER

Strainer:	∅ 25 mm
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MELT PUMP

Type:	4.7 cm ³ /rev
Speed:	0 - 200 rpm

DIE

Slit:	1-layer
Width:	200 mm
Exchangeable die lips	-
Gap 1:	0.3 - 1.3 mm
Gap 2:	1.3 - 2.5 mm

CASTING UNIT

Width:	max. 180 mm cast film
Speed:	max. 10 m/min
Length:	max. 100 m/sample

Edge trim of produced rolls possible

PELLETIZER

For master batch production

Slab diameter:	maximal 5 mm
Pellet length:	3 mm
No of slabs:	1-3

PERFORMANCE

Material	Output [kg/h]	Thickness range [μm]
PP	5 - 25	100 - 800
PE	5 - 25	100 - 800
PS	5 - 25	100 - 800
PET	5 - 30	100 - 800
PC	5 - 30	100 - 800

