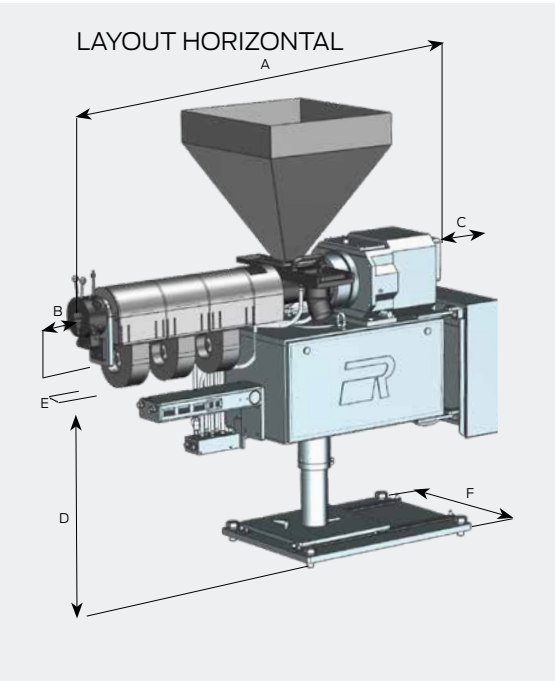


HORIZONTAL AND VERTICAL EXTRUDERS

FOR HIGH-PERFORMANCE AND FLUORO MATERIALS

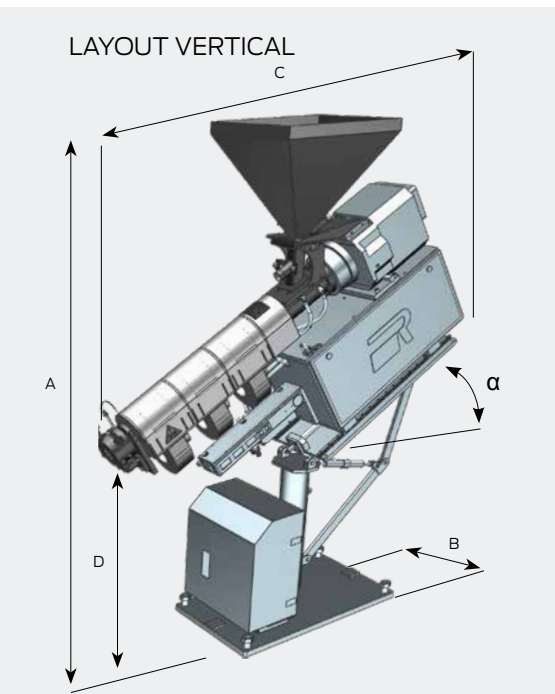


Horizontal auxiliary extruders

MECHANICAL DATA	30.24	30.30	38.24	45.24	45.30
Ø Screw (mm)	30	30	38	45	45
L/D ratio	24:1	30:1	24:1	24:1	30:1
A (mm)	1,706	1,886	1,890	1,930	2,200
B (mm)	1,100	1,280	1,280	1,450	1,720
C (mm)	900	900	900	1,200	1,200
D (mm)	990 – 1,310	990 – 1,310	990 – 1,310	990 – 1,310	990 – 1,310
E (mm)	250	250	250	250	250
F (mm)	700	700	700	700	700
Weight (kg)	570	600	650	780	840

Vertical auxiliary extruders

MECHANICAL DATA	30.24	30.30	38.24	45.24	45.30
Ø Screw (mm)	30	30	38	45	45
L/D ratio	24:1	30:1	24:1	24:1	30:1
A (mm)	2,350/2,750	2,330	2,350	2,750/3,150	2,750
B (mm)	700	700	700	700	700
C (mm)	1,760/1,520	1,920	1,920	2,060/1,660	2,300
D (mm)	1,150 – 1,460	1,060 – 1,260	1,060 – 1,260	1,100 – 1,610	980 – 1,340
α	30°/60°	30°	30°	30°/60°	30°



PROCESSING DATA	30.24	30.30	38.24	45.24	45.30
Max. screw speed (rpm)	260	260	200	227	227
PVC output (kg/h)	3 – 50	3 – 50	4 – 80	10 – 150	20 – 200
LDPE output (kg/h)	2 – 30	2 – 30	3 – 45	5 – 70	7 – 100
HDPE output (kg/h)	2 – 35	2 – 35	3 – 50	5 – 75	7 – 110
PP output (kg/h)	2 – 35	2 – 35	3 – 45	5 – 60	5 – 80
PA output (kg/h)	2 – 40	2 – 40	3 – 60	5 – 80	5 – 80
ELECTRICAL DATA					
Heating/cooling zone	3 (4)	4 (5)	4 (5)	3 (4)	4 (5)
Heating power (kW)	5.8	7.2	8.82	10.62	13.32
Drive (kW AC)	10	10	16	38	38
Temp. control screw					

• optional

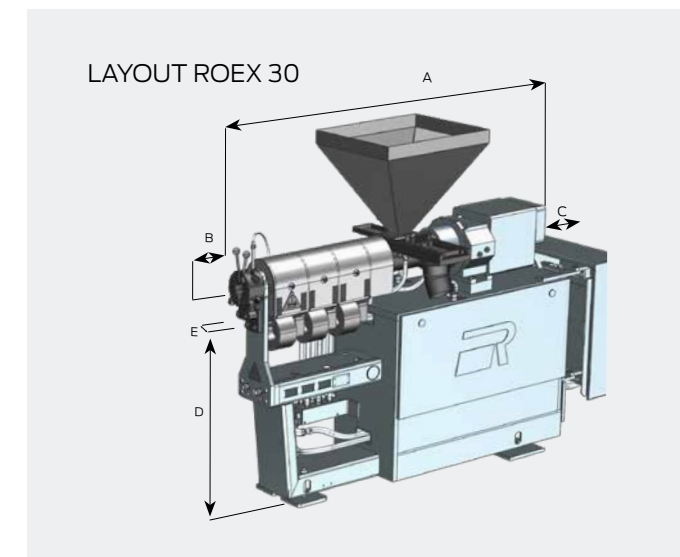
Special extruders

MECHANICAL DATA	20.24	20.30	30.24	30.30	38.24	45.24	45.36
Ø Screw (mm)	20	20	30	30	38	45	45
L/D ratio	24:1	30:1	24:1	30:1	24:1	24:1	36:1
A (mm)	1,635	1,755	1,706	1,886	1,890	1,930	2,520
B (mm)	730	850	1,100	1,280	1,280	1,450	2,100
C (mm)	-	-	900	900	900	1,200	1,200
D (mm)	1,000	1,000	1,000	1,000	1,000	1,000	1,000
E (mm)	-	-	250	250	250	250	250
F (mm)	425	425	510	510	510	510	510
PROCESSING DATA							
Max. screw speed (rpm)	224	224	260	260	200	227	227
FEP output (kg/h)	4	4	10	10	20	40	40
ELECTRICAL DATA							
Heating/cooling zone	3	4	4	5	4	4	5
Heating power (kW)	3.4	4.3	8	9.4	12	13.3	21.7
Drive (kW AC)	2.7	2.7	10	10	16	38	38

The weight of each extruder depends on its configuration.



RE 20 extruder



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ROEX Extruders

For universal applications

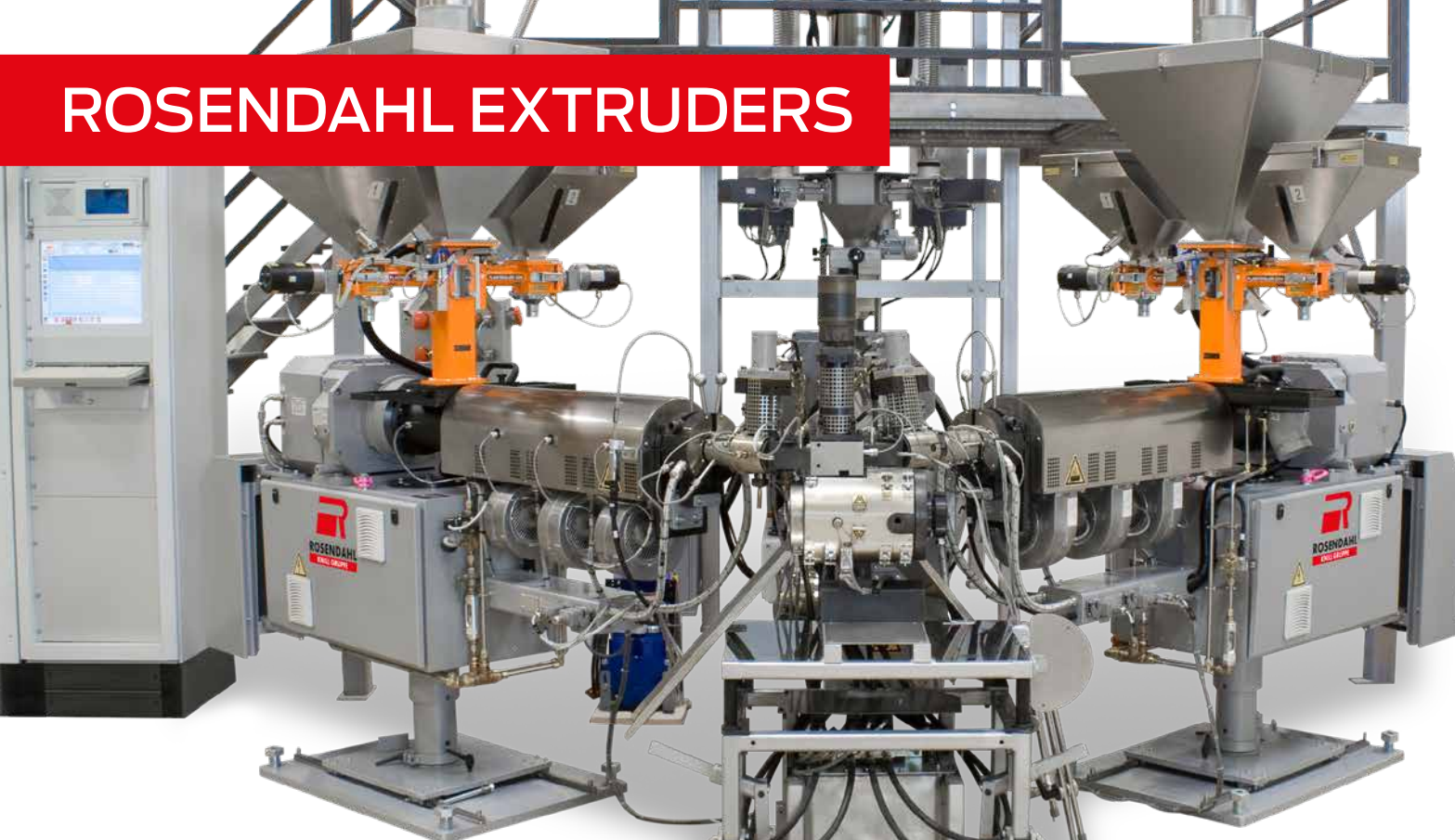


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MADE IN EUROPE

ROSENDAHL EXTRUDERS



ROEX EXTRUDER 30/38/45/60/75

ROEX EXTRUDER 90/120/150

Horizontal standard extruders

MECHANICAL DATA	30.24	30.30	38.24	45.24	45.30	60.24	60.30
Ø Screw (mm)	30	30	38	45	45	60	60
L/D ratio	24:1	30:1	24:1	24:1	30:1	24:1	30:1
A (mm)	1,706	1,886	1,890	1,930	2,200	2,410	2,780
B (mm)	1,100	1,280	1,280	1,450	1,720	1,830	2,200
C (mm)	900	900	900	1,200	1,200	1,220	1,220
D (mm)	1,000	1,000	1,000	1,000	1,000	1,000	1,000
E (mm)	250	250	250	250	250	250	250
F (mm)	-	-	510	510	510	570	570
Weight (kg)	510	550	600	780	840	820	900
PROCESSING DATA							
Max. screw speed (rpm)	260	260	200	227	227	150/200	150/200
PVC output (kg/h)	3 – 50	3 – 50	4 – 80	10 – 150	20 – 200	20 – 240	30 – 320
LDPE output (kg/h)	2 – 30	2 – 30	3 – 50	5 – 75	7 – 100	10 – 130	10 – 150
HDPE output (kg/h)	2 – 35	2 – 35	3 – 50	5 – 75	7 – 110	10 – 150	10 – 170
PP output (kg/h)	2 – 35	2 – 35	3 – 45	5 – 60	5 – 60	10 – 130	10 – 130
PA output (kg/h)	2 – 40	2 – 40	3 – 55	5 – 90	5 – 90	10 – 160	10 – 160
ELECTRICAL DATA							
Heating/cooling zone	3 (4)	4 (5)	4 (5)	3 (4)	4 (5)	3 (4)	4 (5)
Heating power (kW)	5.8	7.2	8.82	10.62	13.32	15.78	19.78
Drive (kW AC)	10	10	16	38	38	62	62
Temp. control screw				•	•	•	•

• optional

MECHANICAL DATA	75.24	75.30	90.24	90.30	120.24	120.30	150.24	150.30
Ø Screw (mm)	75	75	90	90	120	120	150	150
L/D ratio	24:1	30:1	24:1	30:1	24:1	30:1	24:1	30:1
A (mm)	3,050	3,500	3,430	3,970	4,360	5,100	5,684	6584
B (mm)	2,300	2,750	2,650	3,190	3,480	4,200	5,315	6215
C (mm)	1,300	1,300	1,300	1,300	1,320	1,320	1,380	1380
D (mm)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1000
E (mm)	330	330	350	350	410	410	460	660
F (mm)	680	680	680	680	850	850	850	850
Weight (kg)	1,900	2,050	2,170	2,350	3,600	3,800	4,200	4400
PROCESSING DATA								
Max. screw speed (rpm)	160	160	150	150	110	110	90	90
PVC output (kg/h)	30 – 450	30 – 450	50 – 700	50 – 700	70 – 1,100	70 – 1,100	100 – 1,400	100 – 1,400
LDPE output (kg/h)	15 – 230	15 – 230	25 – 400	25 – 400	40 – 600	40 – 600	60 – 900	60 – 900
HDPE output (kg/h)	15 – 250	15 – 250	25 – 450	25 – 450	40 – 700	40 – 700	70 – 1,000	70 – 1,000
PP output (kg/h)	15 – 200	-	20 – 300	-	-	-	-	-
PA output (kg/h)	15 – 210	-	20 – 350	-	-	-	-	-
ELECTRICAL DATA								
Heating/cooling zone	3 (4)	4 (5)	3 (4)	4 (5)	3 (4)	4 (5)	3 (4)	4 (5)
Heating power (kW)	21.8	27.8	28.1	36.2	42.8	55.8	60	78
Drive (kW AC)	100	100	150	150	236	236	294	294
Temp. control screw	•	•	•	•	•	•	•	•

• optional

Rosendahl ROEX extruders are designed for processing a wide range of materials, such as **PE, PP, PVC, LSF-HFFR, PA, PBT, XLPE, fluoroplasts** and materials for **high quality physical foaming**.

Optimized screw geometry and **process control** guarantee state-of-the-art technology for all applications.

The special feeding zone design supports high performance on insulation and jacketing operations **independent of back pressure**.

Benefit from **high linearity and high energy efficiency** of the extrusion equipment.

For special applications, we offer extruders with an **L/D ratio 1:36**.



Interchangeable watercooled feeding sections

