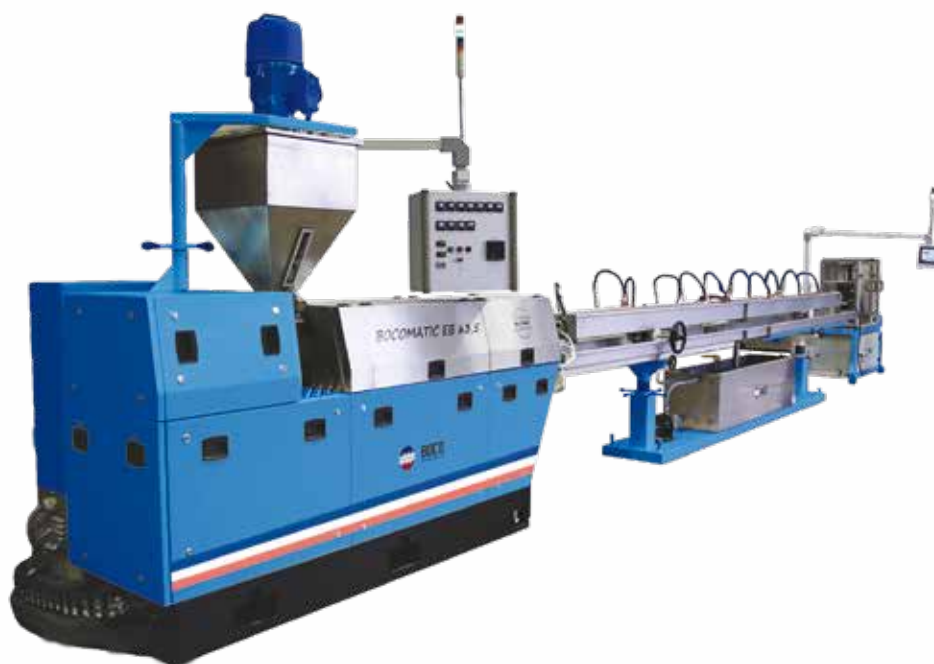




BOCO
PARDUBICE



BOCO PARDUBICE MACHINES
YOUR PARTNER
IN THE WORLD OF EXTRUSION

EXTRUDERS

for processing thermoplastics

EB-P (PP,PE,LDPE,HDPE,PVC,PA,TPV,TPE)



BASIC TECHNICAL DATAS:

Type	Screw and Barrel Ø in mm	Output in kg/hr	Output of main power in kW	Total input of extruder in kW
EB-P 30	30	5 - 30	5,5 - 11	15 - 25
EB-P 45	45	7,5 - 90	15 - 22	25 - 45
EB-P 60	60	20 - 180	22 - 45	50 - 95
EB-P 75	75	45 - 300	37 - 75	60 - 125
EB-P 90	90	60 - 550	75 - 132	115 - 210
EB-P 120	120	100 - 700	90 - 200	-
EB-P 150	150	500 - 1000	110 - 315	-
EB-P 180	180	700 - 1500	132 - 355	-
EB-P 200	200	1000 - 2000	355 - 750	-
EB-P 250	250	2000 - 3000	750 - 1000	-

The total input of the machine depends on the equipment of the extruder and the size may differ from the indicated value.

All our extruders are equipped with a Rossi gearbox and **can be connected to any peripherals**, e.g. extrusion of pipes, profiles, strings, flat sheets etc.

The maximum output of the extruder in kg/ hr is influenced by the type and composition of the processed material.

Extruders from Ø 100 are produced as larger applications and designed according to the requirements of the customer.

For more information and price, do not hesitate to contact our sales representative for your region.

The list of extruders mentioned above is a basic offer. Based on your needs, we are able to modify these extruders according to your expectations and requirements.

Examples of the specification of extruders Boco EB-P

SERIES EB-P 30

Type	Screw and Barrel Ø in mm	Working screw length L/D	Output in kg/hr	Output of main power in kW	Suitable for material	Possibility of evacuation
EB-P 30/27	30	27	5 – 15	5,5	PVC	YES
EB-P 30/30	30	30	5 – 20	7,5	PP,PE,LDPE,HDPE, ABS, PS,TPE, PES	YES
EB-P 30/33	30	33	5 – 25	11	PP, PE	NO

SERIES EB-P 45

Type	Screw and Barrel Ø in mm	Working screw length L/D	Output in kg/hr	Output of main power in kW	Suitable for material	Possibility of evacuation
EB-P 45/27	45	27	7,5 – 35	15	PVC	YES
EB-P 45/30	45	30	7,5 – 45	18,5	PP,PE,LDPE,HDPE,ABS, PS ,TPE, PES	YES
EB-P 45/33	45	33	10 – 55	22	PP, PE	NO

SERIES EB-P 60

Type	Screw and Barrel Ø in mm	Working screw length L/D	Output in kg/hr	Output of main power in kW	Suitable for material	Possibility of evacuation
EB-P 60/27	60	27	20 – 80	22	PVC	YES
EB-P 60/30	60	30	30 – 115	37	PP,PE,LDPE,HDPE, ABS, PS,TPE, PES	YES
EB-P 60/33	60	33	40 – 150	45	PP, PE	NO

SERIES EB-P 75

Type	Screw and Barrel Ø in mm	Working screw length L/D	Output in kg/hr	Output of main power in kW	Suitable for material	Possibility of evacuation
EB-P 75/27	75	27	45 – 130	37	PVC	YES
EB-P 75/30	75	30	50 – 165	55	PP,PE,LDPE,HDPE, ABS, PS,TPE, PES	YES
EB-P 75/33	75	33	75 – 210	75	PP, PE	NO

SERIES EB-P 90

Type	Screw and Barrel Ø in mm	Working screw length L/D	Output in kg/hr	Output of main power in kW	Suitable for material	Possibility of evacuation
EB-P 90/27	90	27	60 – 200	75	PVC	YES
EB-P 90/30	90	30	65 – 280	90	PP,PE,LDPE,HDPE ABS, PS,TPE, PES	YES
EB-P 90/33	90	33	80 – 320	110	PP, PE	NO

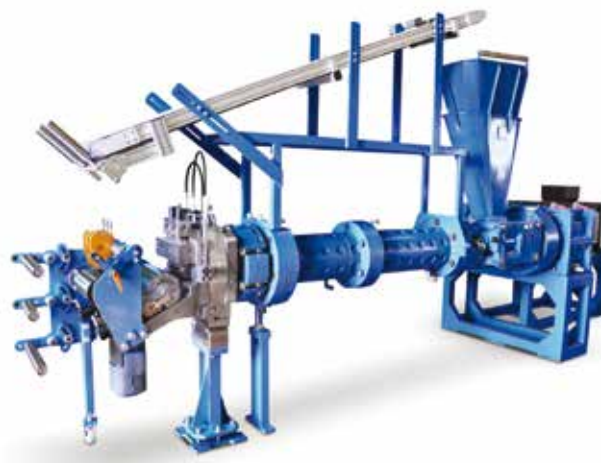
In case of evacuation variant the functional length of the screw is extended by ca 10 L / D.

The variant with screw working length 33 L / D is suitable for maximizing the output of pure materials such as PP and PE or for a perfect mixing of other material, but with a lower maximum output.

EXTRUDERS

for processing of rubber mixtures and EPDM

EB-G



BASIC TECHNICAL DATAS:

Type	Screw and barrel Ø in mm	Output in kg/hr	Output of main power in kW	Feed roller
EB-G 60	60	25 - 120	30	YES
EB-G 75	75	40 - 200	55	YES
EB-G 90	90	60 - 300	75	YES
EB-G 120	120	90 - 450	90	YES
EB-G 150	150	115 - 800	132	YES
EB-G 200	200	*	*	YES
EB-G 250	250	*	*	YES

*Based on your needs, we are able to modify these parameters according to your requirements.

All of our extruders are equipped with a feed roller for ideal picking up the rubber band. Extruders are heated / cooled with tempering units.

Our barrels and underhopper parts are lined and thereby we reduce costs of renovating our machines. Liners may be nitrided, hardened or bimetallic (depends on the used type of material).

The maximum output of the extruder depends on the type (hardness) of the extruded mixture.

For more information and price, do not hesitate to contact our sales representative for your region.

The list of extruders mentioned above is a basic offer. Based on your needs, we are able to modify these extruders according to your expectations and requirements.

EXTRUDERS

for processing of silicone mixtures

EB-S



BASIC TECHNICAL DATAS:

Type	Screw and barrel Ø in mm	Output in kg/hr	Output of main power in kW	Feed roller
EB-S 75	75	40 - 320	30	YES
EB-S 90	90	80 - 420	37	YES

All of our extruders are equipped with a Rossi gearbox and a feed roller for ideal picking up the silicone mixture. Extruders are ready for connecting of a cooling medium. All important parts of the extruder (barrel, underhopper part, feed roller and screw) are ready for cooling.

Our barrels and underhopper parts are lined and thereby we reduce costs of renovating our machines. Liners are recommended to be supplied in a hardened version. At your request, we also supply nitride or bimetallic liners.

The maximum output of the extruder depends on the type of the extruded mixture.

For more information and price, do not hesitate to contact our sales representative for your region.

The list of extruders mentioned above is a basic offer. Based on your needs, we are able to modify these extruders according to your expectations and requirements.

TWIN-SCREW EXTRUDERS

(suitable for processing of PVC and other materials in the form of powder, granules or granulate)

EB-D



BASIC TECHNICAL DATAS:

Type	*Screw and Barrel Ø in mm	Output in kg/hr	Output of main power in kW	Total input of extruder in kW
EB-D 75	2 x 75	40 - 250	30	ca 65
EB-D 90	2 x 90	65 - 340	37	ca 85
EB-D 107	2 x 107	80 - 450	55	ca 110
EB-D 120	2 x 120	120 - 650	74	ca 165

*The screws are parallel (straight).

Our twin-screw extruders are equipped with a Zambello gearbox and twin-screws rotating in opposite directions (counterrotating).

Extruders are filled with a single-screw dosing device.

The maximum output of the extruder depends on the type of the extruded mixture.

For more information and price, do not hesitate to contact our sales representative for your region.

The list of extruders mentioned above is a basic offer. Based on your needs, we are able to modify these extruders according to your expectations and requirements.

LABORATORY EXTRUDERS

(suitable for testing thermoplastics and EPDM rubber mixtures)

EB-L



BASIC TECHNICAL DATAS:

Type	Screw and Barrel Ø in mm	Screw working length	Output in kg/hr	Total input in kW	Output of main power in kW
EB-L 30	30	30 L/D	2 - 10	9	7,5
EB-L 40	40	14 L/D	3 - 15	7	4

EB-L 30 is developed specifically for testing thermoplastics in form of both classical granules and powders.

EB-L 40 can process material in form of rubber tape or granules.

Our extruders are designed for a specific or testing production to detect defects in material or any impurities. With our laboratory extruders you can verify the characteristic of material outside serial production.

Both of the extruders are equipped with a sensor for measuring melt temperature and pressure.

For more information and price, do not hesitate to contact our sales representative for your region.

The list of extruders mentioned above is a basic offer. Based on your needs, we are able to modify these extruders according to your expectations and requirements.

COMPOUNDING EXTRUDERS

EB-K



BASIC TECHNICAL DATAS:

Type	Screw and Barrel Ø in mm	Output in kg/hr	Output of main power in kW	Dosing
EB-K 26	2 x 26	5 - 50	5,5 - 11	YES
EB-K 42	2 x 42	40 - 120	55 - 75	YES
EB-K 65	2 x 65	100 - 300	90 - 110	YES
EB-K 77	2 x 77	250 - 650	160 - 200	YES
EB-K 92	2 x 92	500 - 1300	315 - 500	YES
EB-K 130	2 x 130	1200 - 3000	600 - 900	YES

Compounding extruders are suitable for perfect blending mixtures of your materials or for a production of your own materials.

Extruders are filled by a single screw dosing equipment and are equipped with a Zambello gearbox with parallel rotating twin-screws (corotating).

For more information and price, do not hesitate to contact our sales representative for your region.

The list of extruders mentioned above is a basic offer. Based on your needs, we are able to modify these extruders according to your expectations and requirements.

CO-EXTRUDERS

EB-KOEX



Co-extruders are ideally designed for use in extrusion lines in various spatial conditions.

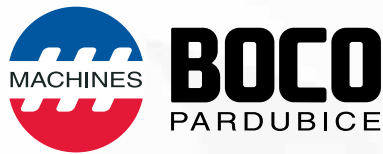
Our co-extruders are suitable for processing thermoplastics, rubber and EPDM. Their use is very wide and universal, e.g. for production of multilayer plastic products, for colored pipe markings, profiles and cables using a wide range of plastic materials etc.

Minimal spatial requirements, possibility of rotation in many directions and positions not only around its own axis but even in 3D space belong to its biggest advantages.

In cases where there is a large space requirement, we build co-extruders according to customer requirements.

The maximum output of the co-extruder depends on the type of the extruded mixture.

For more information and price, do not hesitate to contact our sales representative for your region.



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Czech Republic

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The company BOCO PARDUBICE machines, s.r.o. has more than 25 years of tradition with a focus on the production of machinery and equipment for the plastics and rubber industry.

Its technological background and range of offered professional services make from this firm one of the leading manufacturing companies in the plastics and rubber industry in the Czech Republic and the EU.

Contact details are available on our website

www.boco-extruders.eu/contact

We also produce:



Recycling lines



Regeneration lines



Compounding lines



Extrusion lines



Screws and barrels



Thermal insulation covers



Wheel clamps for cars and trucks



Design and production of tools for extrusion (heads, nozzles etc.)