

SL Co-Extruders

For Limited Spaces

TEANKA
PLASTICS MACHINERY

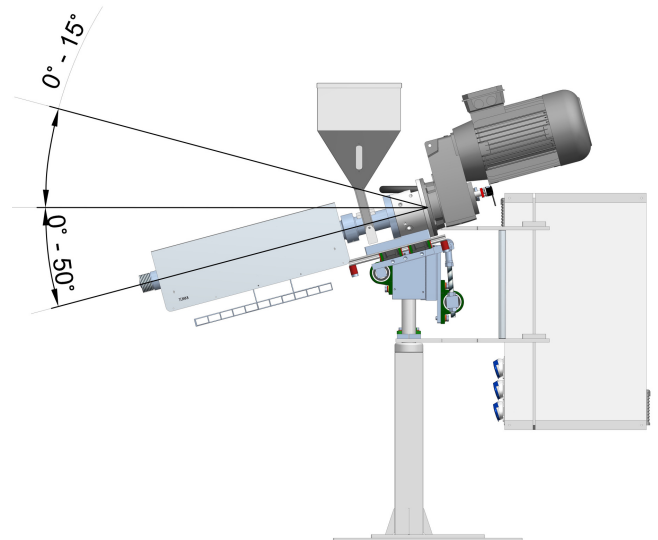
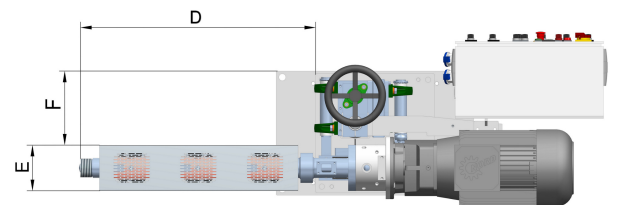
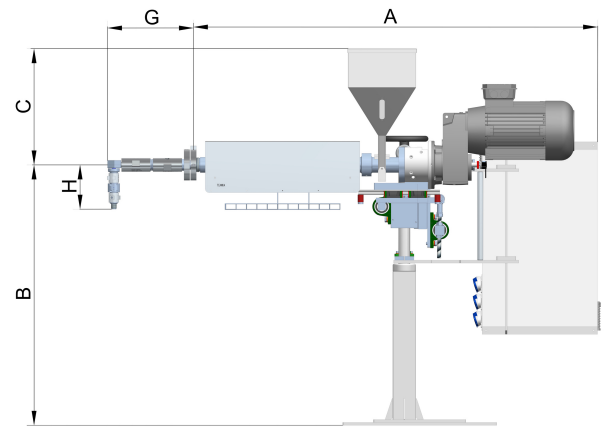
Slim-sized Co-Extruder that can fit more than one in a head. Especially designed to operate at high pressures (550 – 700 bar).

TEANKA co-extruders are designed to operate in limited spaces that usually exist next to main extruders.

- Barrel – Nitrated and grooved.
- Barrier screw – Nitrated.
- AC motor with frequency converter and encoder feedback.
- 3 – 4 heating zones at barrel with J type thermocouples.
- 3 – 4 cooling fans at the barrel.
- Infrastructure for 3 – 4 heating zones for adaptor, flexible hose and nozzle, with J type thermocouples.
- Water cooling with valve at the thrust bearing area.
- Water cooling at the feeding zone with valve.
- Co-extruders on linear bearing, with ability to be connected with head without tension.
- Sturdy and powerful design.
- Low energy consumption.
- Up – down movement.
- Rotational movement on the vertical axis.
- Rotational movement on the horizontal axis.
- Back and forth movement on a linear bearing.
- Fast delivery.
- Color choose option.
- User manual and interface in English language.

Ideal for multilayer heads mainly for tube and profile production.

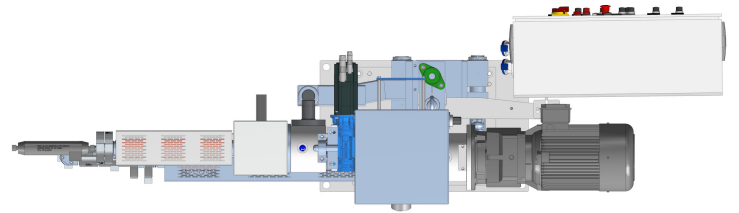
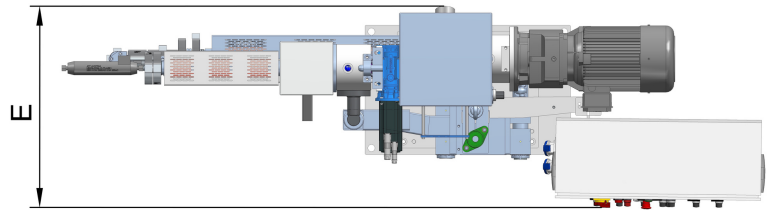
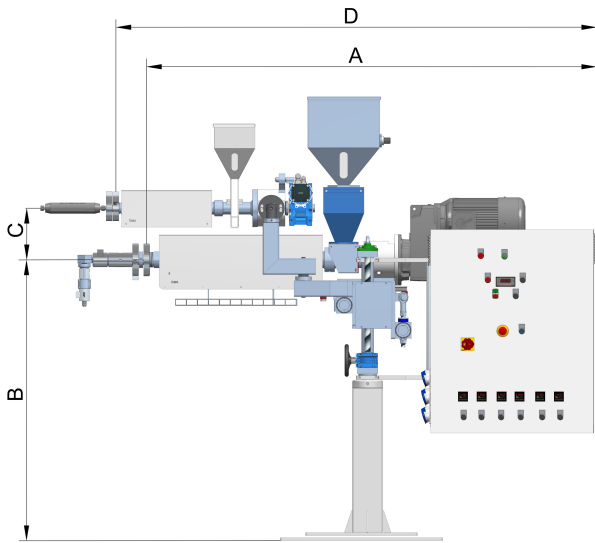
Optional: PLC and touch screen drive capability (for one or more co-extruders) - Compatible Industry 4.0



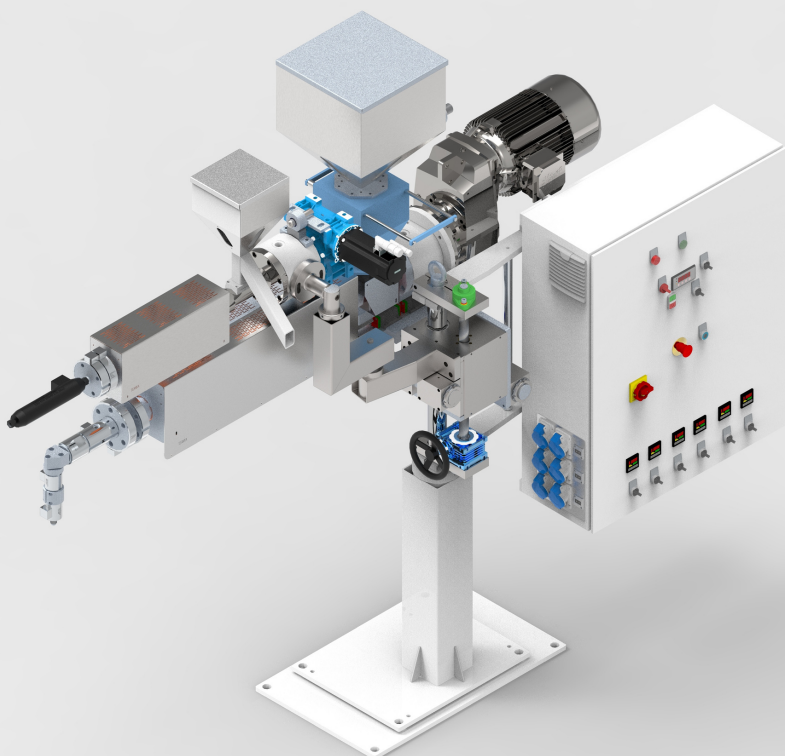
Type	A [mm]	B [mm] ±100	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Output PE [kg/h]	Output PP [kg/h]	Output PVC Soft [kg/h]	Output PVC Rigid [kg/h]
SL-25/25	980	400-2000	600	480	350	135	325-1500	230-1000	0,1 - 3,5	0,1 - 2,5	0,2 - 2,0	-
SL-30/25	1575	500-2000	600	515	350	150	325-1500	230-1000	28	20	-	-
SL-30/30	1725	500-2000	450-600	665	350	150	325-1500	230-1000	28	25	36	-
SL-35/25	1850	500-2000	450-600	650	400	185	325-1500	230-1000	30	18	-	35
SL-35/30	1995	500-2000	450-600	800	400	185	325-1500	230-1000	42	31	50	-
SL-40/25	2220	550-2000	450-600	780	400	185	325-1500	230-1000	75	60	-	60
SL-40/30	2420	550-2000	450-600	1080	400	185	325-1500	230-1000	80	65	80	-
SL-45/25	2500	550-2000	450-600	1000	450	185	325-1500	230-1000	57	45	-	80
SL-45/30	2720	550-2000	450-600	1230	450	185	325-1500	230-1000	110	80	100	-
SL-50/26	2720	600-2000	450-700	1450	450	185	325-1500	230-1000	140	105	-	-

COMBO Co-Extruders

For Multi Layer Pipes



Type	Extruder 2	A [mm]	B [mm] ±100	C [mm]	D [mm]	E [mm]	Output PE [kg/h]	Output PP [kg/h]	Output PVC Soft [kg/h]
COMBO-30/30	25/25 or 30/25	1725	500-2000	300	2075	600	28	25	36
COMBO-35/30	25/25 or 30/25	1995	500-2000	300	2195	685	42	31	50
COMBO-40/25	25/25 or 30/25	2220	550-2000	300	2470	685	75	60	-
COMBO-40/30	25/25 or 30/25	2420	550-2000	300	2420	685	80	65	80
COMBO-45/30	25/25 or 30/25	2720	550-2000	300	2570	785	110	80	100
COMBO-50/26	25/25 or 30/25	2950	600-2000	300	2850	785	140	105	-

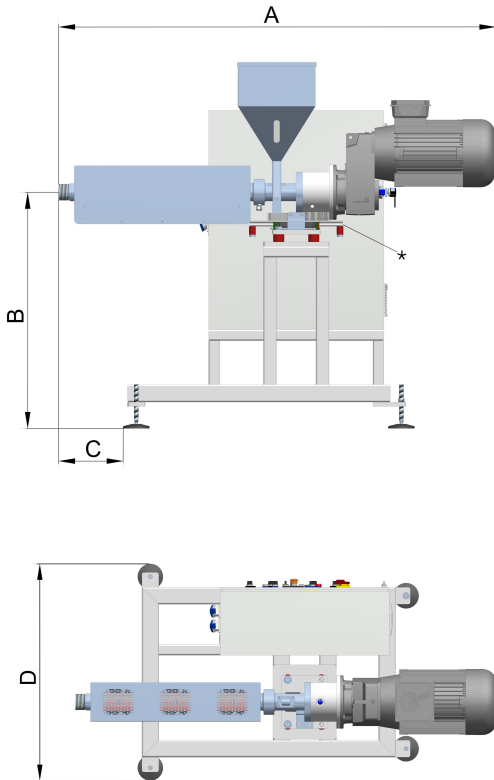


COMBO Co-Extruders are especially designed to fit two extruders in one single space.

Standard solution for very limited spaces.

Same capabilities and functions as SLIM CO-EXTRUDERS.

Considering how important is the production stability and reliability in continuous operation, we use the most reliable inverter / converter systems with encoder close loop controls and branded motors - reducers of the European market.



Basic Horizontal Extruders

- Barrel – Nitrated and grooved.
- Barrier screw – Nitrated.
- AC motor with frequency converter and encoder feedback.
- 3 – 4 heating zones at barrel with J type thermocouples.
- 3 – 4 cooling fans at the barrel.
- Infrastructure for 3 – 4 heating zones for adaptor, flexible hose and nozzle, with J type thermocouples.
- Water cooling at the feeding zone with valve.
- Co-extruders on linear bearing, with ability to connect with head without tension.
- In case of main extruder, there isn't linear bearing.
- Sturdy and powerful design.
- Low energy consumption.
- Back and forth movement on a linear bearing.
- Color choose option & fast delivery.
- User manual and interface in English language.

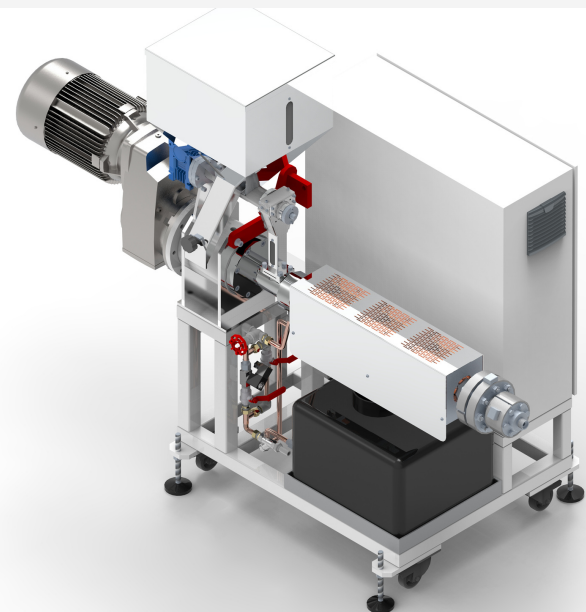
Ideal for multilayer heads mainly for tube and profile production.

Optional: PLC and touch screen drive capability (for one or more co-extruders) - Compatible Industry 4.0

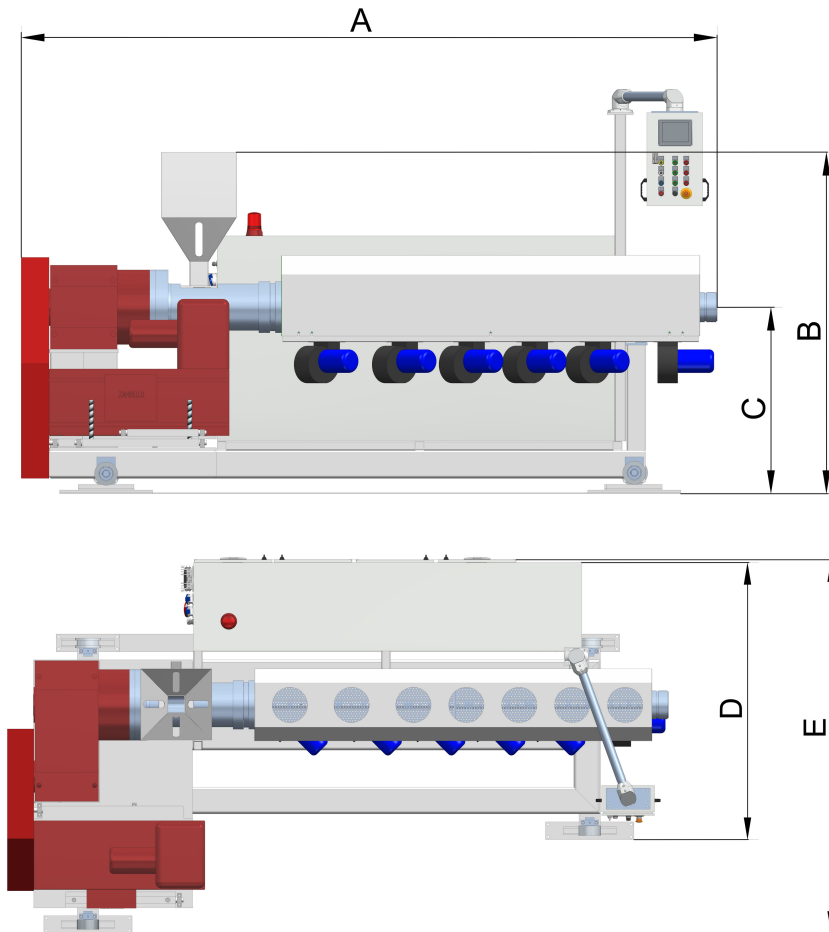
Type	A [mm]	B [mm] ±100	C [mm]	D [mm]	Output PE [kg/h]	Output PP [kg/h]	Output PVC Soft [kg/h]	Output PVC Rigid [kg/h]
BS-30/25	1575	500-1600	70	900	28	20	-	-
BS-30/30	1725	500-1600	220	900	28	25	36	-
BS-35/30	1995	500-1600	320	1020	42	31	50	-
BS-40/25	2020	600-1600	170	1070-1170	75	60	-	60
BS-40/30	2220	600-1600	370	1070-1170	80	65	80	-
BS-45/30	2520	600-1600	50	1070-1170	110	80	100	-
BS-50/26	2500	600-1600	50	1070-1170	140	105	-	-

3D Printing Extruder

- Barrel – Nitrated with in several diameters.
- Barrier screw – Nitrated.
- AC motor with frequency converter and encoder feedback.
- 3 heating zones at barrel with J type thermocouples.
- 3 cooling fans at the barrel.
- 3 heating zones for adaptor, flexible hose and nozzle, with J type thermocouples.
- Water cooling at the feeding zone with water tank and pump.
- Temperature controllers.
- Screw feeder for recycled materials and flakes.



KAM Extruders

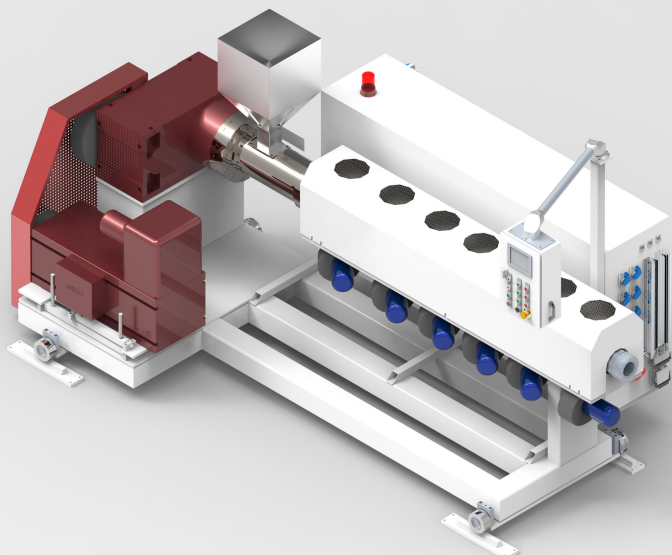



KAM Extruders with a screw diameter starting from \varnothing 60 mm to \varnothing 120 mm.

TEANKA extruders can also be manufactured to meet special production needs such as:

- Small external dimensions to save space.
- Linear displacement.
- Melt pressure measurement.
- Connection with melt filter.
- Connection with gear melt pump.
- Specialized extruder reducers with water cooling.
- Fully digitalized with PLC and Touch Screens.
- Capable to cooperate with other machineries.
- Barrel - nitrated and grooved.
- Barrier screw - nitrated.
- Compatible Industry 4.0.

Type	A [mm]	B [mm]	C [mm] ± 40	D [mm]	E [mm]	Output PE [kg/h]	Output PP [kg/h]	Output PVC Soft [kg/h]	Output PVC Rigid [kg/h]
KAM-60/25	2900	1850	650-1200	1000	1000	-	-	-	110
KAM-60/30	2550	1850	650-1200	1200	1600	230	190	350	-
KAM-75/25	3400	1850	650-1200	1200	1200	-	-	-	230
KAM-75/32	3300	1850	650-1200	1400	1800	370	290	-	-
KAM-90/32	3750	1850	650-1200	1600	2100	490	390	-	-
KAM-120/30	4700	1950	650-1200	1600	2100	700	550	-	-



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* All above mentioned for dimensions and characteristics are not binding for TEANKA and are subject to change.

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