

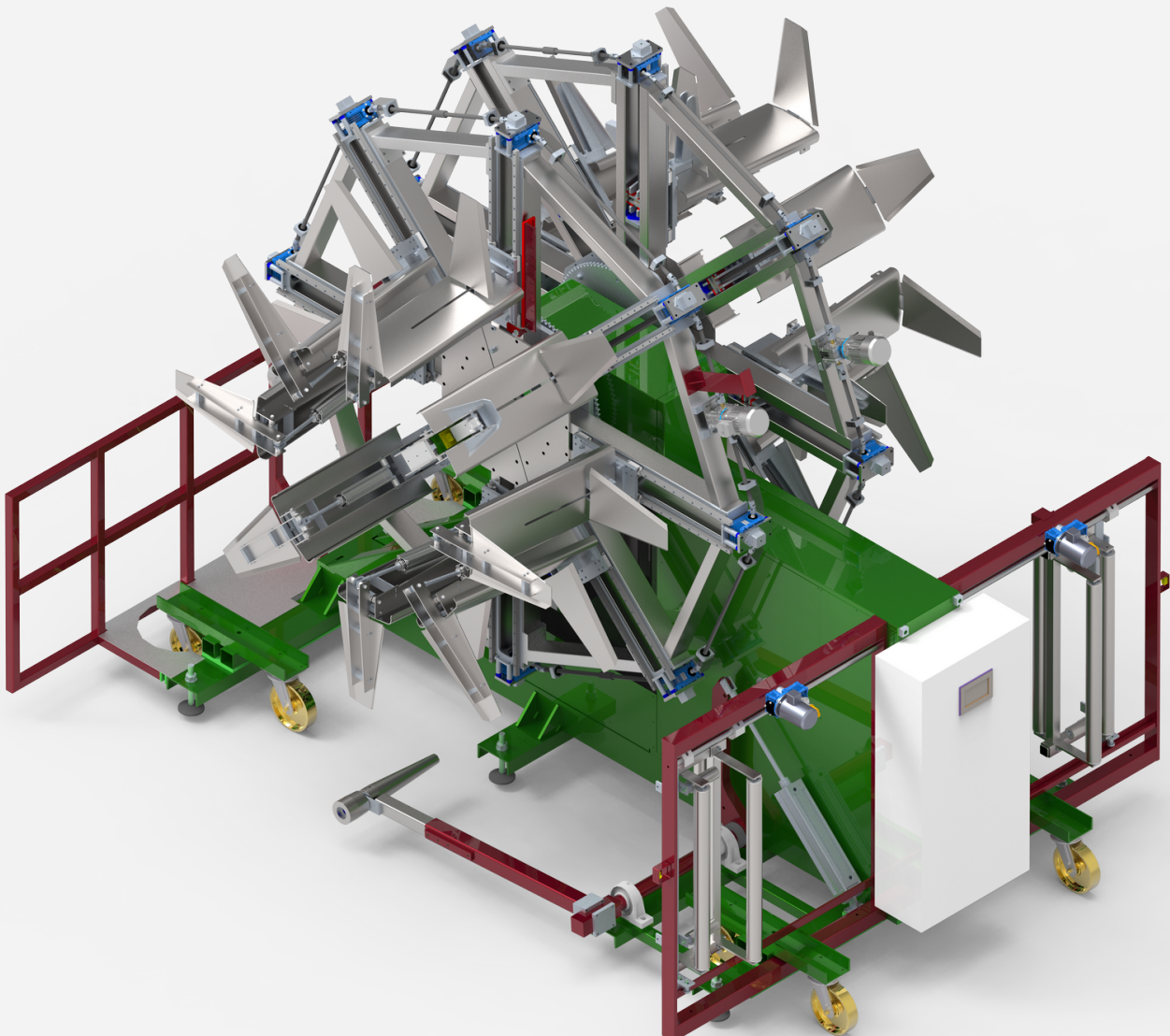
Winding Stations

TEANKA
PLASTICS MACHINERY

TEANKA has more than 40 years of experience in design and manufacture of winding stations and systems.

Our winding systems are:

- For pipes from Ø 3mm to Ø 125mm.
- Semi-automatic or Automatic.
- Single or Double.
- For coils with internal diameter from Ø 100mm to Ø 4000mm.
- Winding length up to 7000m.
- For winding speeds up to 350 m/min.
- For coils weight up to 2000 kg.



TYP-1-2200/4000 | Large Single Winding Stations

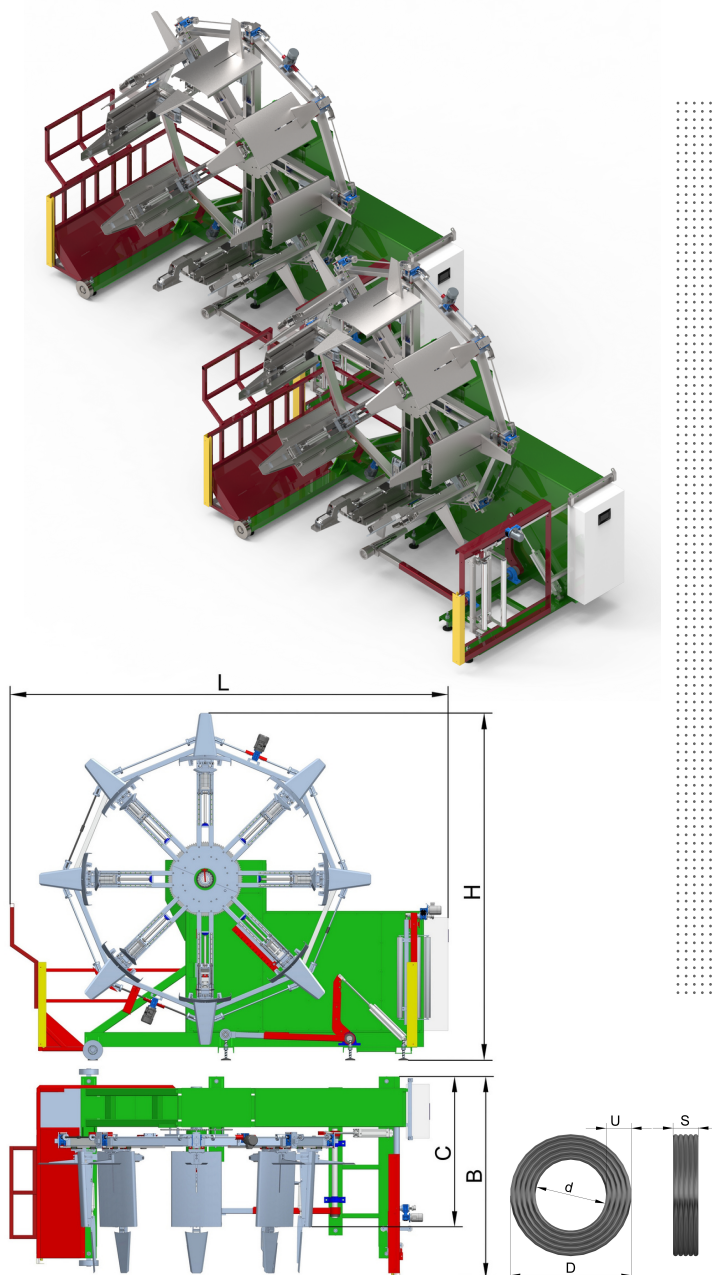
TYP-1-2200/4000 series are large double winding stations, with a winding diameter of up to 4000mm. They are ideal for installation in limited spaces, due to their special design with the minimum possible width.

Features

- One (1) winding station.
- 7" Touch Screen and Siemens PLC, with Industry 4.0 standards.
- Large coil width for long rolls.
- Holding arm for optimal winding quality and easy tying by the operator.
- Ability to communicate with the cutting machine to carry out stopping procedures.
- Capable of transportation with common trucks or containers.

Optional equipment

- Holding the pipe's edge when starting the winding.
- Changing of the internal diameter automatically with electric drive.
- Shrinking the navel wrap for easy extraction of the coil.
- Inserted wings to change the winding curvature for better results in thin pipes and in different diameters.
- Wheels for easy movement within the production area.



Type	Dmax (OD) [mm]	d (ID) [mm]	S [mm]	Umax [mm]	L [mm]	B [mm]	H [mm]	C [mm]	Automatic diameter change
TYP.1-2200-325	2200	500 ÷ 1600	80 ÷ 350	300	3200	1500	2350	1100	No
TYP.1-2700-400	2700	600 ÷ 1900	80 ÷ 400	400	3700	1800	3050	1300	No
TYP.1-3200-500	3200	800 ÷ 2200	150 ÷ 500	500	4200	2000*	3450	1400	Optional
TYP.1-3200-800	3200	800 ÷ 2200	150 ÷ 800	500	4200	2800	3450	2200	Yes
TYP.1-3200-1000	3200	800 ÷ 2200	150 ÷ 1000	500	4200	3150	3450	2550	Yes
TYP.1-3500-600	3500	800 ÷ 2500	150 ÷ 600	500	4500	2100*	3750	1500	Optional
TYP.1-3500-800	3500	800 ÷ 2500	150 ÷ 800	500	4500	2800	3750	2200	Yes
TYP.1-3500-1000	3500	800 ÷ 2500	150 ÷ 1000	500	4500	3150	3750	2550	Yes
TYP.1-4000-600	4000	1500 ÷ 3000	150 ÷ 600	500	5350	2600	4250	2000	Yes
TYP.1-4000-800	4000	1500 ÷ 3000	150 ÷ 800	500	5350	2800	4250	2200	Yes
TYP.1-4000-1000	4000	1500 ÷ 3000	150 ÷ 1000	500	5350	3150	4250	2550	Yes

If motorized position of internal diameter, then B* = B+350mm

TYP-2-2200/3500 | Large Double Winding Stations

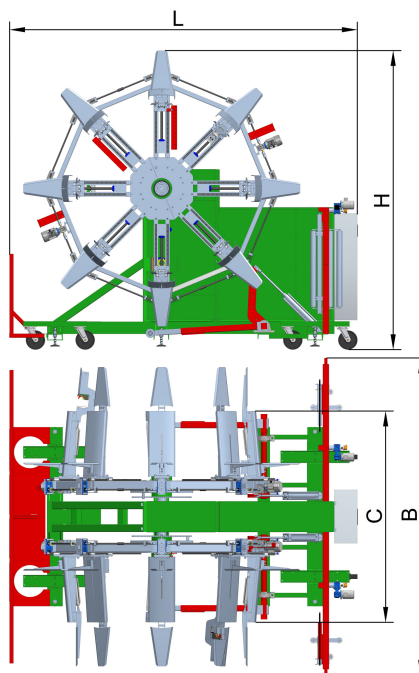
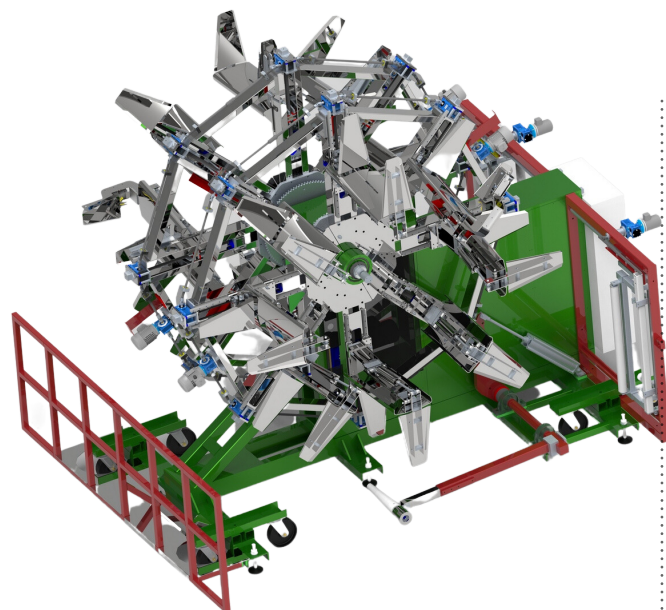
TYP-2-2200/3500 series are large double winding stations, with a winding diameter of up to 3500mm. They are ideal for installation in limited spaces, due to their special design with the minimum possible width.

Features

- Two (2) winding stations.
- 7" Touch Screen and Siemens PLC, with Industry 4.0 standards.
- Large coil width for long rolls.
- Holding arm for optimal winding quality and easy tying by the operator.
- Ability to communicate with the cutting machine to carry out stopping procedures.
- Ability of simultaneous operation of both stations, winding 2 different tubes.
- Capable of transportation with common trucks or containers.

Optional equipment

- Holding the pipe's edge when starting the winding.
- Changing of the internal diameter automatically with electric drive.
- Shrinking the navel wrap for easy extraction of the coil.
- Inserted wings to change the winding curvature for better results in thin pipes and in different diameters.
- Wheels for easy movement within the production area.



Type	Dmax (OD) [mm]	d (ID) [mm]	S [mm]	Umax [mm]	L [mm]	B [mm]	H [mm]	C [mm]	Automatic diameter change
TYP.2-2200-350	2200	500 ÷ 1600	80 ÷ 350	300	3200	2700	2350	1900	No
TYP.2-2700-400	2700	600 ÷ 1900	80 ÷ 400	400	3700	2900	3050	1900	No
TYP.2-3200-500	3200	800 ÷ 2200	150 ÷ 500	500	4200	3300*	3450	2100	Optional
TYP.2-3200-800	3200	800 ÷ 2200	150 ÷ 800	500	4200	4900	3450	3700	Yes
TYP.2-3200-1000	3200	800 ÷ 2200	150 ÷ 1000	500	4200	5500	3450	4300	Yes
TYP.2-3500-600	3500	800 ÷ 2500	150 ÷ 600	500	4500	3500*	3750	2300	Optional
TYP.2-3500-800	3500	800 ÷ 2500	150 ÷ 800	500	4500	4600	3750	3400	Yes
TYP.2-3500-1000	3500	800 ÷ 2500	150 ÷ 1000	500	4500	5100	3750	3900	Yes

If motorized position of internal diameter, then B* = B+700mm

TYP-2-850/1600 | Mid-sized Double Winding Stations

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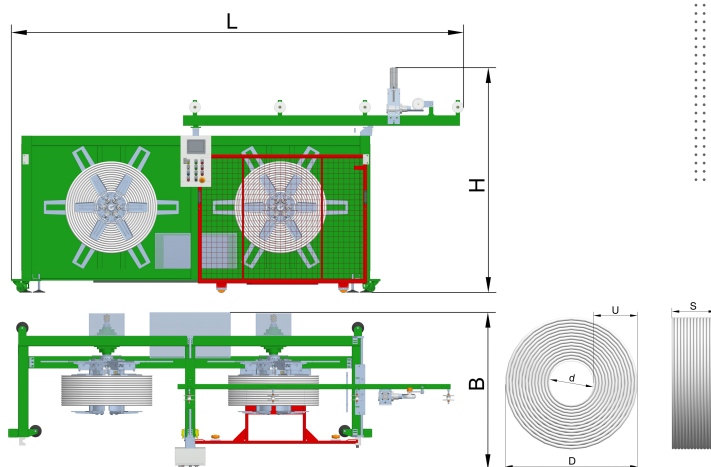
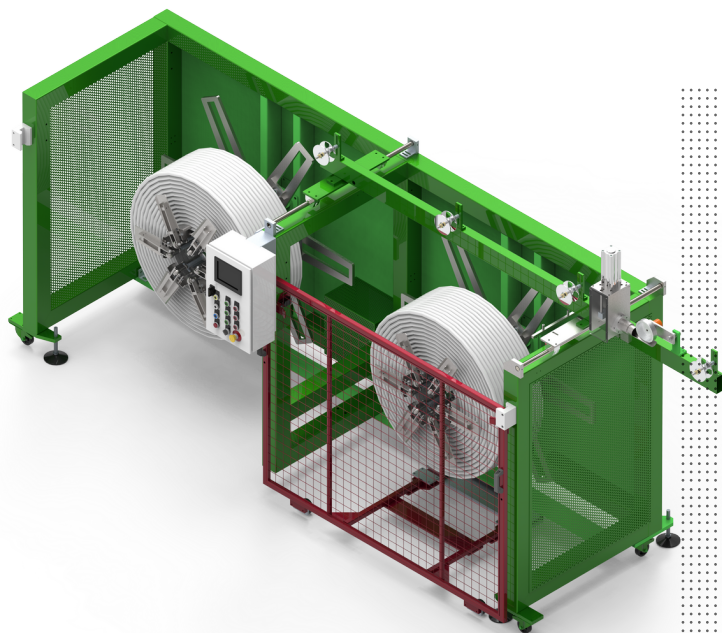
TYP-2-850/1600 series are medium-sized double winding stations, with a winding diameter of up to 1600mm. They are ideal for pipe production lines up to Ø 40mm.

Features

- Two (2) winding station.
- 7" Touch Screen and Siemens PLC, with Industry 4.0 standards.
- Semi-automatic winding function.
- Shrinking the navel wrap for easy extraction of the coil.
- Ability to communicate with the cutting machine to carry out stopping procedures.
- Large coil width for long rolls.

Optional equipment

- Automatic cutting by measuring the pipe length in the station or by command from the production line or the printer.
- Automatic coil tying system.
- Inserted wings to change the winding curvature for better results in thin pipes and in different diameters.
- Holding arm for optimal winding quality and easy tying by the operator.
- Wheels for easy movement within the production area.



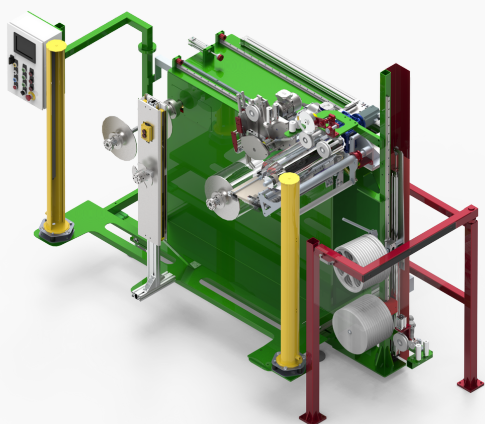
Type	Dmax (OD) [mm]	d (ID) [mm]	S [mm]	Umax [mm]	L [mm]	B [mm]	H [mm]
TYP.2-850-350	850	250 ÷ 360	80 ÷ 350	230	3800	1450	1700
TYP.2-1250-350	1250	350 ÷ 800	80 ÷ 350	250	4100	1550	2150
TYP.2-1400-350	1250	350 ÷ 800	80 ÷ 350	250	4400	1550	2400
TYP.2-1400-500	1400	350 ÷ 800	100 ÷ 500	250	4400	1750	2400
TYP.2-1600-350	1400	350 ÷ 800	80 ÷ 350	400	5150	1550	2500
TYP.2-1600-500	1600	350 ÷ 1000	100 ÷ 500	400	5150	1750	2500

Custom Made Winding Stations and Systems

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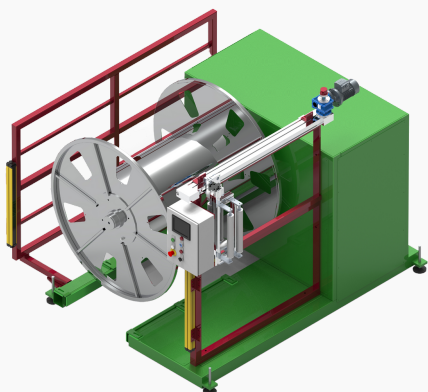
TEANKA designs and manufactures **CUSTOM MADE** Winding Stations and Systems, according to the customer's needs.

Examples



Automatic winding station for flat irrigation pipe

- For pipe from \varnothing 16mm to \varnothing 22mm.
- Maximum winding speed: 350m/min.
- Winding length up to 3000m.
- Automatic changes.
- Small machine width (1450mm).

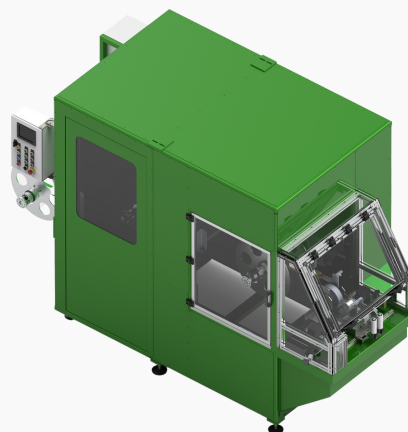


Specially designed Winding Stations

- With one or two winding stations.
- For winding on metal or wooden spools.
- With automatic winding function.
- With automatic coil change.
- Special design for sensitive materials.
- Winding stations with winding diameter greater than 3500mm.
- For mileage coils.

Double semi-automatic station

- For pipes from \varnothing 3mm to \varnothing 10 mm.
- Maximum winding speed: 180 m/min.
- Automatic coating with stretch film.
- With the ability of placing paper spools.



Winding station for long pipe lengths

- For pipes from \varnothing 16mm to \varnothing 32mm.
- Maximum winding speed: 60 m/min.
- Winding length up to 7000m.
- Coil winding.
- With one or two winding stations.

PLASTIC PIPE LINES

- Extruders
- Co-Extruders
- Extrusion Heads - Dies
- Calibration Systems
- Cooling Tanks
- Haul-Off Stations
- Cutting Stations
- Accumulators
- Winding Stations

PLASTIC PROFILE LINES

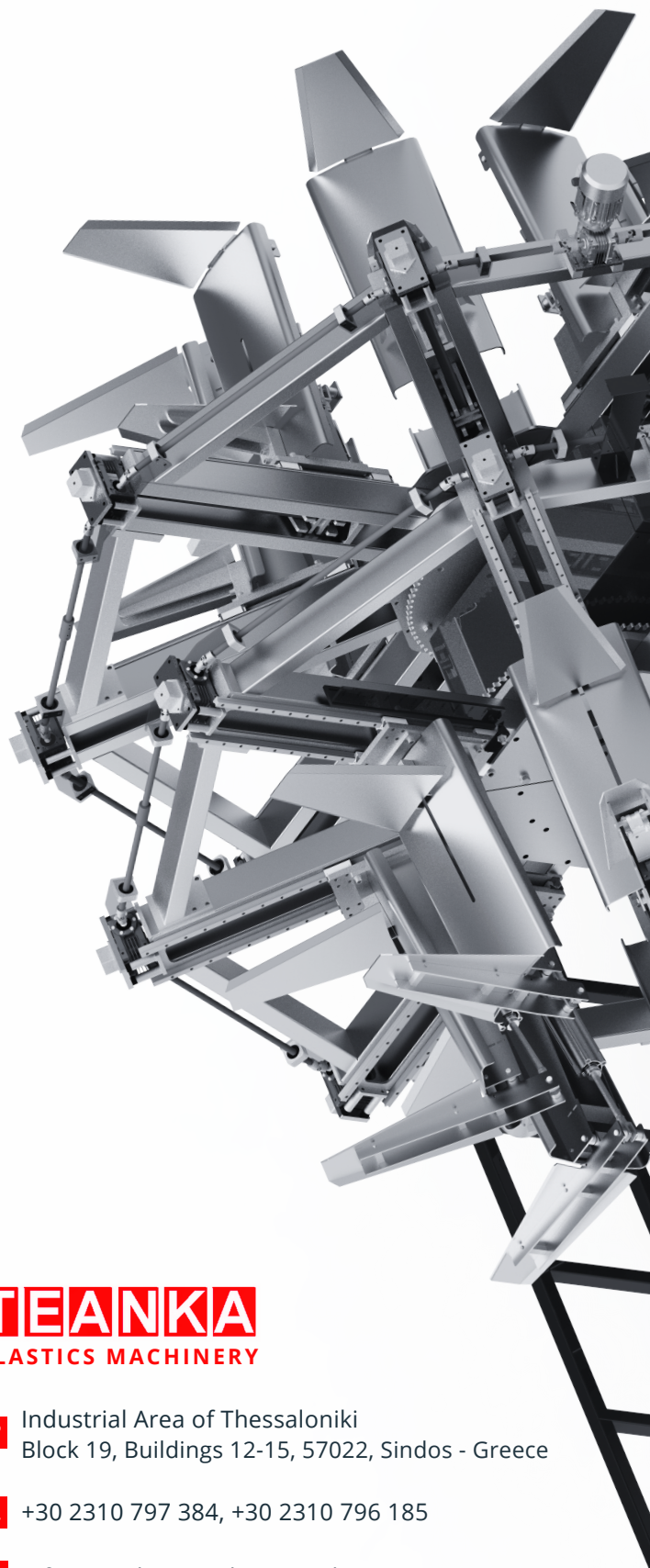
- Extruders
- Co-Extruders
- Cutting Stations
- Calibration Stations
- Haul-Off Stations
- Collection Benches


PIPE COATING LINES

PLASTIC FILM LINES

EXTRUSION LINES

SPECIAL MACHINERY

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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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