

EXTRUSION LINES WITH DIRECT DRIVE

Individual solutions for the production of profiles, hoses and tubes



Processing:

- **Directly driven** screw with torque motor
- **Screw-cylinder combinations optimised** for the application and made of high-quality nitriding steel
- Special **high-temperature heating** for the processing of engineering plastics
- Four axial fans per heating zone to achieve a **high cooling performance** and an even air-flow onto the cylinder
- Cylinder jacket made of stainless steel with **integrated cable duct**

Drive:

- **Maintenance-free drive.**
No gear box means no more oil changes.
- **Fail-safe.** No oil leaks if the seals are damaged or fail.
- **Higher efficiency** and improved internal efficiency of the motor
- **Low-noise operation** in accordance with European Directive 2002/10/CE due to water jacketing of the motor
- **Compact design** thanks to reduction of major components



The perfect solution for your project:

Extrusion lines from Bellaform excel in precision and speed.

Technical details:

System: Dimensions [L x W x H] Extrusion height	Integrated control cabinet with additional control unit 2 350 x 620 x 1 500 1 100 mm
Drive: Screw Output Torque	Direct drive with torque motor TMW 205 33.5 kW 1 560 Nm over the entire speed range
Processing: Screw diameter Processing length Material Heating zones	45 mm 30 D Screw and cylinder made of steel 1.8550, nitrided 4 cylinder heating zones with ceramic heating elements, Heating performance per zone: 3 000 watt, designed for temperatures of up to 400°C, 4 axial fans per zone

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QUESTIONNAIRE FOR TENDER PREPARATION: Fax +49 6725 91925-200

We work closely with our clients to make our projects a success.

Tell us which requirements your products have to fulfil and we will work with you to develop an individual system adapted to the ideal raw material.

Product description:

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Layer:	Material:	Producer:	Desired production output:
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Layer 1			Parts / minute	
Layer 2			kg / hour	
Layer 3			Metres / minute	
Layer 4				
Layer 5				
Layer 6				

Product dimensions:

Outer diameter		Tolerance ±	
Inner diameter		Tolerance ±	
Length		Tolerance ±	

Further processing:

Cutter
Winder
Laydown belt
Packaging
Buffer line
Palettising

Your contact details:

Please include a **drawing of the product**. Thank you!

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