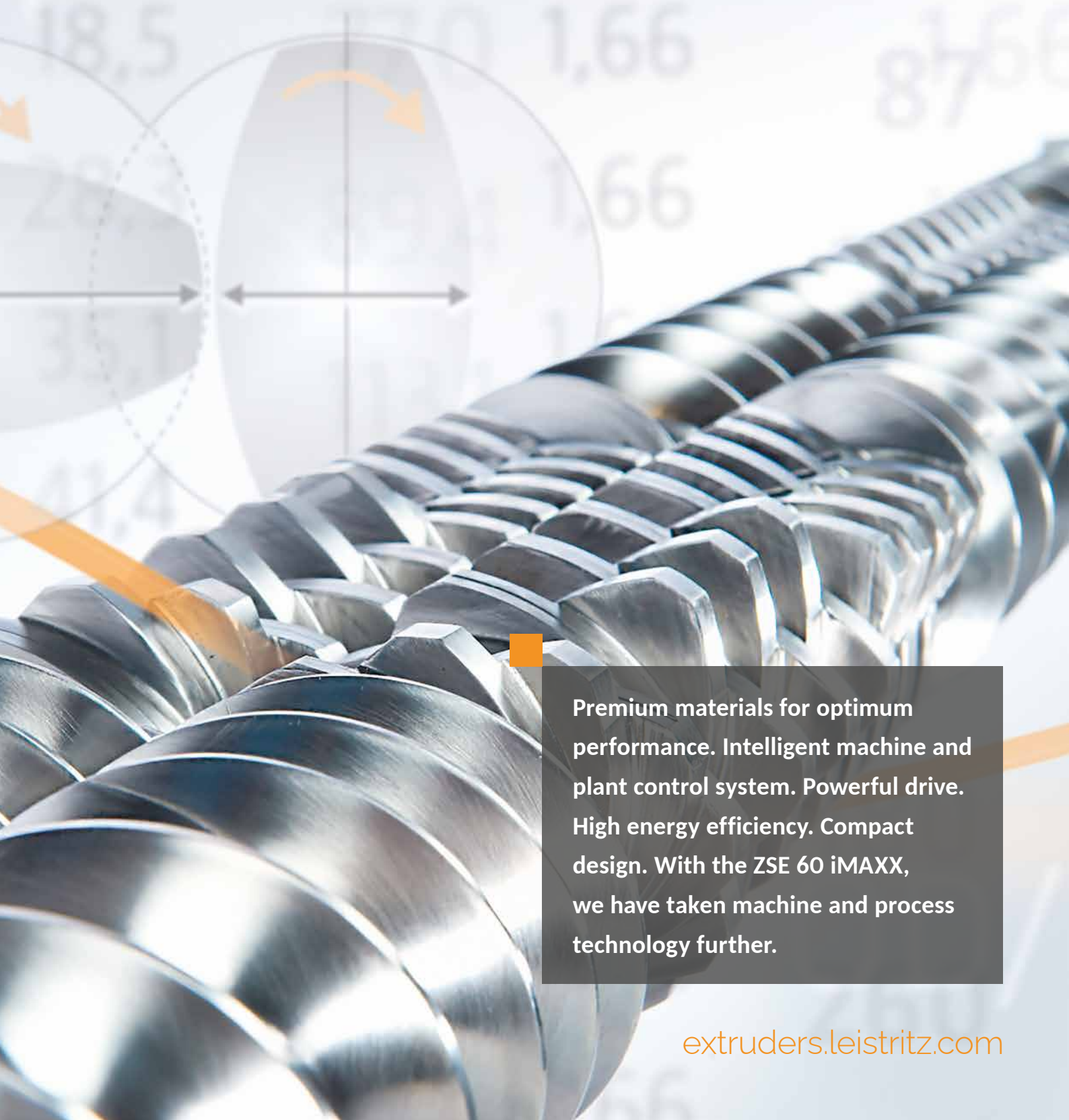


ZSE 60 iMAXX

Data Sheet



Premium materials for optimum performance. Intelligent machine and plant control system. Powerful drive. High energy efficiency. Compact design. With the ZSE 60 iMAXX, we have taken machine and process technology further.



ZSE 60 iMAXX

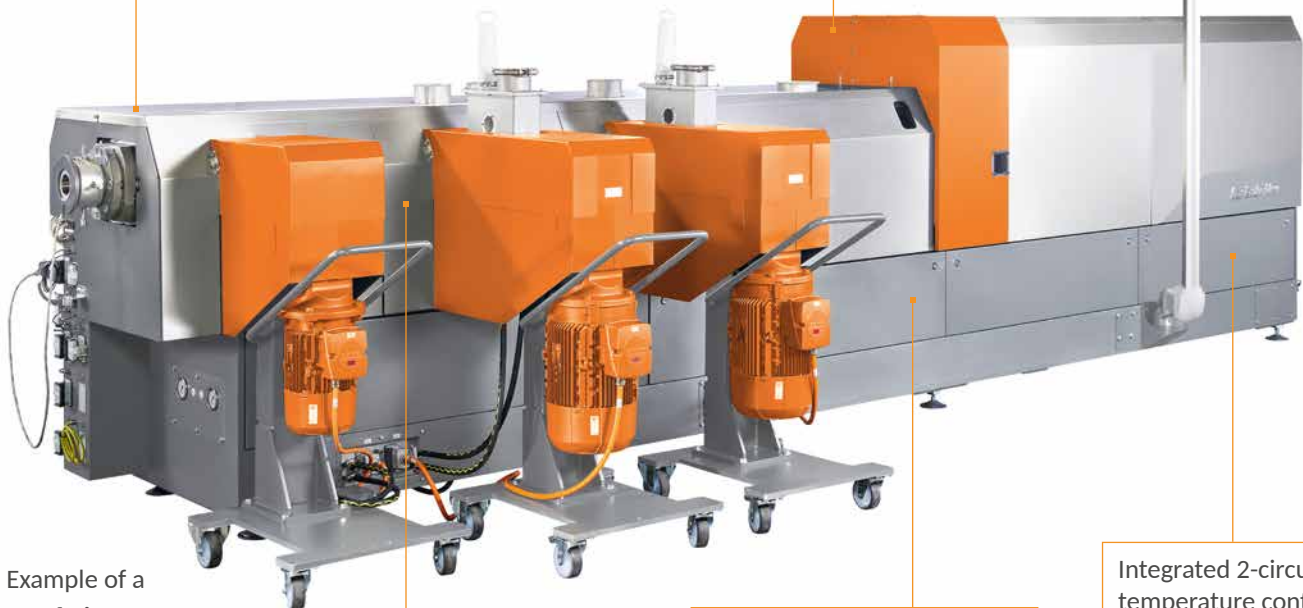
Sophisticated down to the last detail as standard.

Especially with regard to cleanability and easy handling, this „i“ntegrated twin screw extruder convinces. The **ZSE 60 iMAXX** is therefore ideal for masterbatch production and compounding tasks: Product changes can be carried out quickly and with little effort. Also included: All the advantages of the iMAXX series: Flexibility. Modularity. A high specific torque of up to 15.0 Nm/cm³ in combination with a high free volume ($D_a/D_i = 1.66$). This makes it one of the world's most powerful co-rotating twin-screw extruders.

Proven ZSE MAXX technology:
 $D_a/D_i = 1.66$
 Torque density = 15 Nm/cm³

Powerful & energy-efficient synchronous motor

New intelligent control technology LinXX



Example of a **ZSE 60 iMAXX**

Barrel insulation for maximum energy efficiency

Durable stainless steel piping

Integrated 2-circuit temperature control unit



Technical data

ZSE 60 iMAXX

Screw diameter (mm)	61.6
Flight depth (mm, without tolerance)	12.2
D_a/D_i	1.66
maXXstandard torque (Nm)	2,625
maXXtorque torque (Nm)	3,750
Screw length	36 D - 48 D
Screw speed (rpm/min)	600, 1,200
Motor power (kW, max.)	498
Weight (kg)	~ 5,000

No responsibility is taken for the correctness of the specifications provided. The specified values depend on the used material type and its consistence as well as on the environmental variables (temperature, humidity etc.) and further factors. Weight and dimensions depend on the processing length (length provided in mm) among other things. If you inform us of your individual demands, we will gladly make a binding offer.



Barrel insulation



2-circuit temperature control unit

Further features of the ZSE 60 iMAXX:

Die head LSA XX^{***}:

Only 3 handgrips for easy & safe handling

- For fast cleaning & quick product changes
- Removable screen & die plates

Premium materials: For optimal performance

- Corrosion-resistant stainless steel piping
- Screws, shafts and cylinders in corrosion and abrasion-resistant design*
- Long service life, even for extreme demands

Closed cover: More safety, easier cleaning*

- Closed cover over the entire drive unit and process part
- Protection against contact and contamination
- Higher cost-effectiveness with frequent product changes: Reduced downtimes, high time savings

Smart online gear control sensors[†]:

Minimized maintenance costs

- Oil level monitoring signals automatic undercutting of the minimum level
- Oil condition sensor assesses actual state and shows actual oil wear

*Optional additional equipment

**Available up to size 40

LINXX

New design. New features.
For intelligent machine & system control.

THE NEW LEISTRITZ LINXX CONTROL TECHNOLOGY

With the new Leistritz LinXX, we implement tailor-made control solutions for you - from a compact extruder to an entire production plant. Smarter, safer and more comfortable.

Your benefits:

- **Quick:** Overview of the entire extrusion line via intuitive wiping
- **Simple:** Configure even complex systems in just a few steps
- **Convenient:** Intuitive operating structure, clear display, easy icon recognizability, flat design
- **Individual:** Customized dashboard configuration
- **Safe:** See key process parameters immediately at a glance
- **Intelligent:** OPC-UA interface and web-based control technology (HTML5) for future-proof and expandable Industry 4.0 integration



Tailor-made machine & process data evaluation

The software tools LinXX Pilot & LinXX Rheo offer numerous functions for machine & process data evaluation:

- Fast visualization of process parameters
- Complete recording of production data, reports and recipes
- Archiving of measurement data for reliable reproducibility
- Digital networking of production and service



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