



Plasticizing screws

www.maplan.de

www.formquadrat.com

Mr. Dreher Responsible for the Plasticizing Screws Division



// We have learned in 30 years of practice everything about plasticizing screws and we made our design software, testing processes and productions methods. From that point of view, we are preparing ourselves since 30 years for your order.
Welcome! //

// The spectrum

Facts

Plasticizing screws

Quicker than the competition allows

Maplan produces advantage. 30 years experience in geometry recording, performance optimization and manufacturing of plasticizing screws make the decisive project time difference, production speed and precision. High competence in heat treatment technology and surface coating assure a superior wear protection. The most advanced and modern equipment in the hands of experienced specialists allows the production of the most complex design as wave geometry on plasticizing screws.

Maplan produces highly precise and complex screws for plastics industry as well as for food production.

Types:

plasticizing screws + accessories
twin extruder screws + accessories
nitrided barrels - bi-metal barrels
surface coating possibilities (on request)

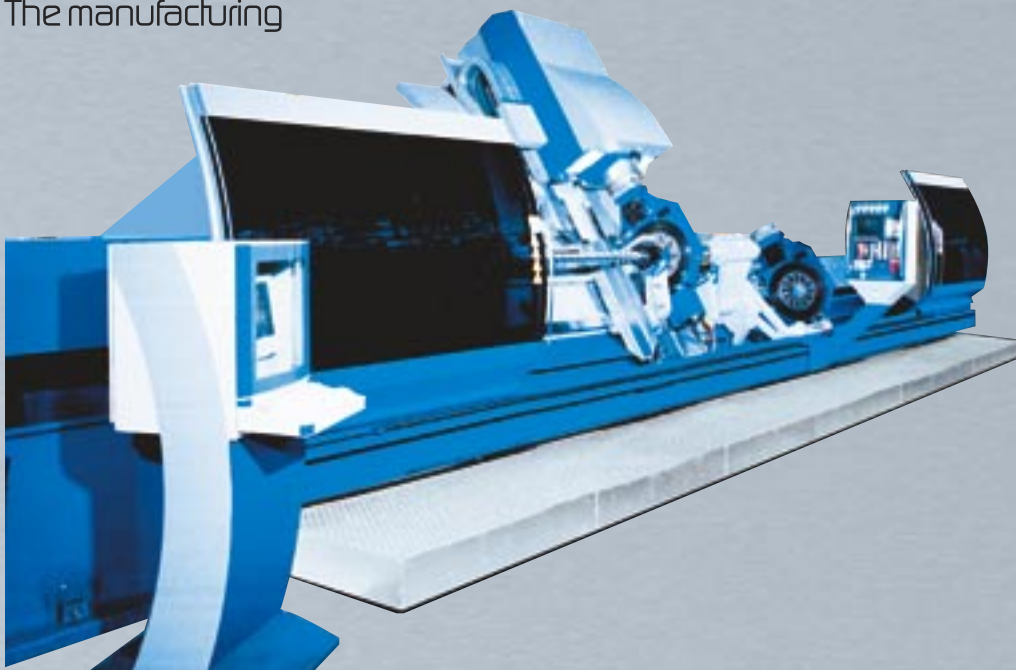
Dimensions:

max. dia. 250mm x 10000mm, max. weight
10.000kg

Special machining:

profile grinding machine for complex designs e.g. barrier section of a plasticizing screw

The manufacturing



// The technical center



Facts

Rheology

Including Know-How

Plasticizing performance, optimization time, efficient concept trials at the manufacturing site by taking advantage of 30 years accumulated know-how. This saves time and time is money.

Maplan offers:

Plasticizing screw calculation and design.
Quick adaptation and modification of screw geometries based on in-house testing, complete rebuilding, repairing and refurbishment of screws.

The practice



// The hardening

Facts

Heat treatment

Maplan delivers everything out of one hand.
Really everything!!

Stress relieve
Ion nitriding
Plasma powder welding
Through hardening

The production



Length up to 10.000 mm





„ best of Metal “

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