

WORLD CLASS

For high quality and efficient production of all known state of the art plastic feed/extruder screws and barrels, **Weingärtner Maschinenbau GmbH** offers a most comprehensive, flexible production system consisting of the

- **pick up** machine series
- **mpmc** multi product machining center series
- **finish** CNC universal grinding/polishing/buffing machine
- **WeinCAD®** CAD/CAM programming system
- corresponding tooling/accessory package

Pick up universal machines apply latest whirling and milling technology for the most productive machining of e.g. standard feed screws, barrier mixing screws, single stage extrusion screws, cylindrical/conical twin screws, co-kneader, compounders, etc. These machines are available as universal whirling/milling machines or if required as single purpose whirling or milling machines in various sizes to meet customer requirements for most efficient production of the entire range from smallest to largest standard/complex screws.

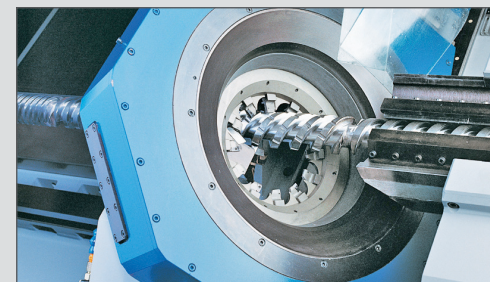
All machining head changes take place automatically.

The mpmc series machines are used for the machining of feed/extruder screws as well as barrels from blank to completed part.

Machining of all well recognized top grade materials e.g. high strength alloy steels, stainless steels, CPM - 9V/10V and special tool steels with heat treatments and all known hard facings are included.

The finish CNC polishing and grinding machine facilitates belt polishing/grinding with and without contact wheel, grinding with standard/special grinding wheel and buffing with automatic supply of buffing paste after machining.

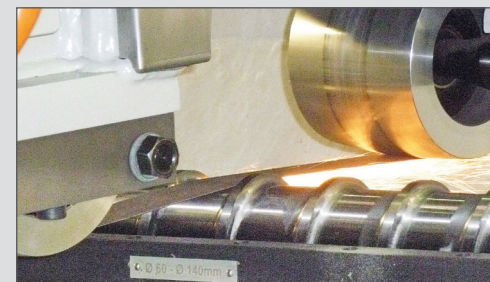
WEINGÄRTNER competence know-how technology innovation



pick up – whirling extruder screw



mpmc – milling extruder screw



finish - polishing feed screw



pick up machine -
milling large feed screw



pick up / whirling feed screw



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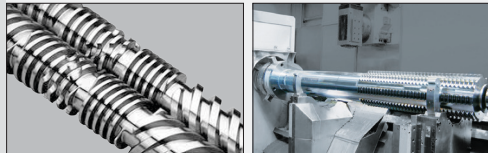


mpmc



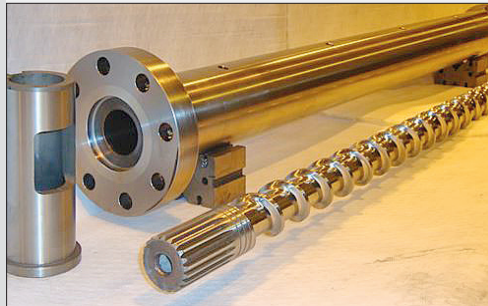
max. workpiece dimensions

model	O.D.	length
mpmc 600	820 mm	7 m
mpmc 850	1020 mm	11 m
mpmc 1000	1240 mm	12 m



extruder screws

mould tie bar

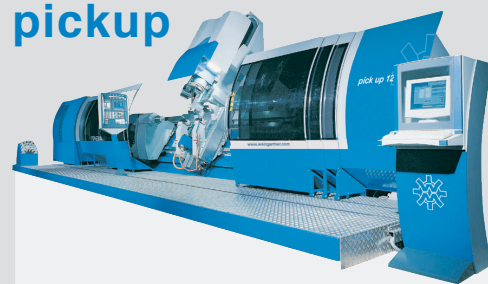


feed screw and barrel



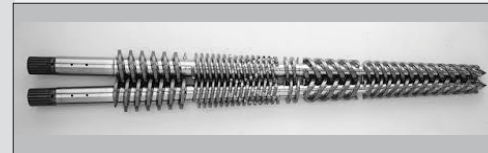
twin screws and barrel

pickup



max. workpiece dimensions

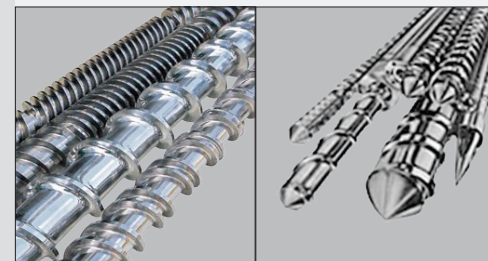
model	O.D.	length
pickup 350	50 mm	3 m
pickup 500	170 mm	7 m
pickup 700	250 mm	9 m
pickup 1000	340 mm	9 m



conical twin screws

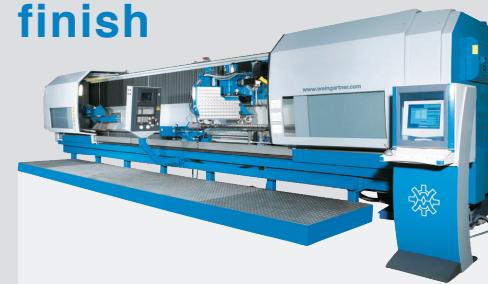


feed screws



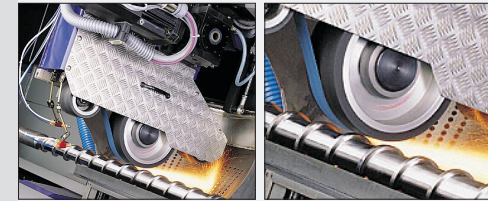
feed/extruder screws

finish

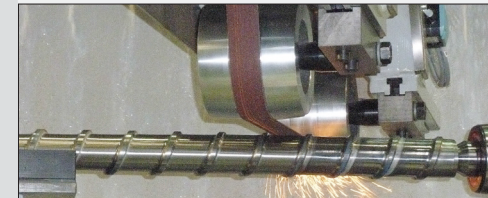


max. workpiece dimensions

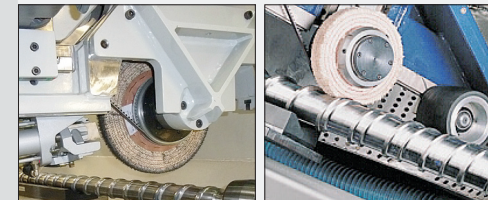
model	O.D.	length
finish 450	340 mm	9 m



belt grinding with contact wheel



belt grinding of channels and flanks



buffing with automatic supply of buffing paste

The finish CNC polishing and grinding machine facilitates belt polishing/grinding with and without contact wheel, grinding with standard/special grinding wheel and buffing with automatic supply of buffing paste.

competence

know-how

technology

