

TX7+ Xchanger

The ultimate automation solution

ANCA's wheel **Xchanger** is the latest development in CNC grinding machines and was designed to deliver greater productivity to users of the TX7+.

It provides a mechanism for automatically changing wheel packs in-process and gives the operator access to a storage magazine of 16 different packs.

Any of the packs can be exchanged with the one on the spindle at any time during the grinding operation without the machine operator having to come in contact with the grinding wheels.

Indeed, the operator doesn't even have to be at the machine for the packs to be changed.

TX7+Xchanger has been engineered to be a robust, reliable solution for tool manufacturers who specialize in long production runs or highly-complex shapes. With more wheels now at hand, frustrating downtime required to change packs is virtually eliminated.



Precision
Versatility
Productivity
Confidence

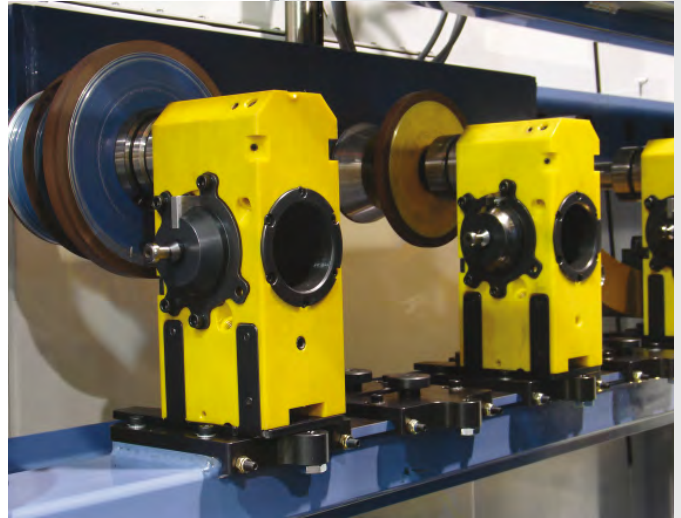
ANCA[®]
TOTAL PRECISION



TX7+Xchanger

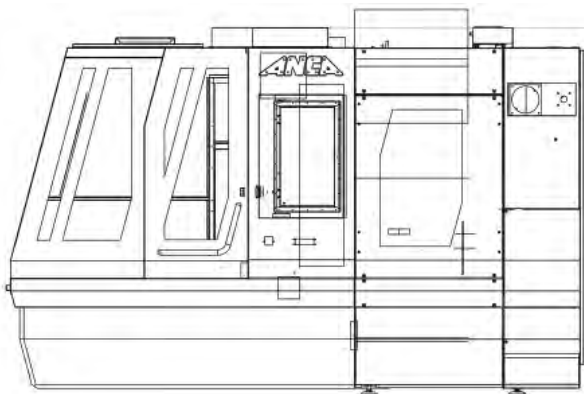
Productivity benefits

- Less downtime needed to change wheel packs.
- Extended unmanned operations because the **Xchanger** is integrated into the iGrind software, which directs the wheel change at the right moment.
- Larger production runs because the system will detect when the wheel has reached the end of its life and change the wheel pack for a fresh one.
- No delays to set up coolant pipes because the coolant manifolds are changed with the wheel packs. Operators can set up the pipes off the machine, which means production isn't interrupted.



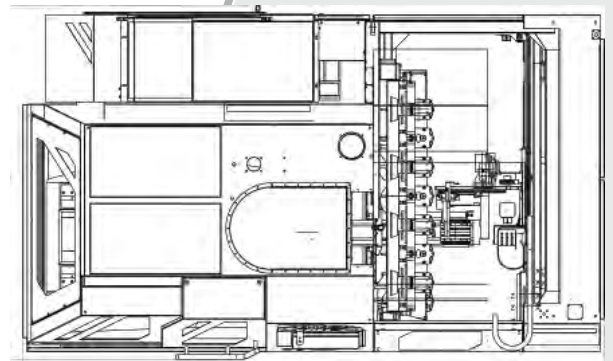
Versatility benefits

- Milled features such as holes, dovetails and keyways can be cut in the tool as the **Xchanger** mechanism and magazine can handle cutting tools such as drills and endmills.
- Sixteen wheel packs can be stored, which means that complex shapes that require several wheels such as taps and profile cutters can be handled easily. The operator can choose from 64 wheels.
- The system uses the existing TX7+ Big Plus arbour, which means no special fittings are required.



Safety benefits

- Automatic wheel changing eliminates the need for operators to handle the wheel packs. This reduces exposure to harmful oils and carbides.
- Muscular injuries caused from reaching into the machine to change wheel packs are virtually eliminated.
- Contact with coolants that can cause skin irritation is reduced.



Width (with loader)	Length	Height (plus extractor)	Weight	Maximum No. of Wheel Packs	Maximum No. of Wheels
2144 mm	3523 mm	2244 mm	8500 kg	16	64
7'	11' 6"	7' 4"	18710 lbs		

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www.anca.com

ANCA Pty Ltd
25 Gatwick Rd
Bayswater North
Victoria 3153
AUSTRALIA
Tel: +61 3 9751 8200
ozinfo@anca.com.au

ANCA, Inc.
31129 Century Drive
Wixom
Michigan 48393
USA
Tel: +1 248 926 4466
ozinfo@anca.com.au

Branches
Coventry, UK
Mannheim, Germany
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