

# PRESS RELEASE

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## **Operating from billets on MultiAlpha**

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**At EMO 2007, Tornos is presenting a multi-spindle turning machine designed for producing parts from 'billets' and not bars of material.**

The Swiss manufacturer and supplier of multi-spindle solutions for over 50 years, is offering a cost-effective alternative for machining semi-machined workpieces or billets. This new system, the MultiAlpha 8x20 numerically-controlled multi-spindle turning machine is fed by a 'toboggan' system that enables the machine to be loaded in 2 positions. Two workpieces are then machined per cycle with four workstations doing the same operations twice. This set up means the machine can be used like two four-spindle machines to double productivity

The MultiAlpha turning machine is fitted with a double back-operation system equipped with five tools. This way, the '2x4' principle also applies to the back-operations.

When the part is finished it is removed by a robot-controlled palletisation system. Parts can therefore be treated for subsequent industrial processing, cleaning and thermal treatment etc.

If necessary, there is still the option to stop working in chucker mode and feed the machine using a bar feeder. This solution will, however, require a much larger floor space.

### **Technical specifications for the MultiAlpha 8x20 Chucker**

Max. Ø workpiece in back-operations: 24mm

Length of 'EMO' part: 42mm

Productivity of 'EMO' part: 5 parts per minute

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