



UNITOWER cnc

Feeding CNC machines automatically and efficiently



UNITOWER cnc

Feeding CNC machines automatically and efficiently

Operator-free handling in 24/7 operation maximises machine operating times and ensures faster order processing.

The *UNITOWER cnc* from KASTO continuously supplies the machines with fully loaded pallets, allowing employees to prepare fixtures and workpieces simultaneously at separate workstations. Operators can load the storage tower during machine operation. This eliminates costly downtimes, and the entire system, including high-cost metal-cutting machines, can operate operator-free for extended periods, such as at night, if designed for continuous operation.

Companies can connect several suitable metal-cutting machines, regardless of the manufacturer, to one tower storage system. The *UNITOWER cnc* can be connected fully automatically to several setup stations and transfer stations through traversing units and roller conveyors.

The overhead gantry crane (OGC) transfers the machine pallet which is loaded with fixtures and workpieces to a transfer trolley. Partially and fully machined workpieces are returned to intermediate or

final storage in the same manner. Towering at heights of up to 20 metres, the system provides maximum storage space within a minimal footprint. The *UNITOWER cnc* can house shelves with machine pallets measuring up to 3,000 millimetres long and 1,500 millimetres wide. Depending on the load size, it can store one or two machine pallets. Thanks to the practical zero-point clamping system, users can select the loading height up to a maximum of 1,700 millimetres, maximising the available space.

Intelligent control system and simple operation

The *UNITOWER cnc* is managed by *KASTOlogic*, KASTO's software for warehouse management and production control. The software makes sure that the necessary workpieces are provided to the correct CNC machine according to the specific order. It checks for the availability of all required NC programs and tools, monitors the production processes, calculates completion dates, and determines the optimum order-handling sequence.

Your advantages at a glance

Continuous supply of fully loaded pallets to the metal-cutting machines.

Loading during machine operation

Integration of several metal-cutting machines, regardless of manufacturer

Maximum storage space within a minimal footprint

Virtually unlimited expansion options thanks to its modular design

Management through warehouse management software *KASTOlogic*



Setup station for fixtures



Tower storage with overhead gantry crane for pre-buffering for the CNC metal-cutting machines

Dual loading table for feeding the CNC machining centres

Setup station for the workpieces and/or fixtures



KASTO - Saws. Storage. And more.

Expertise right down the line

For over 180 years, KASTO has been synonymous with quality and innovation. In addition to metal saws and automatic storage systems for bar stock and sheet metal, KASTO also provides customised solutions for material logistics. Intelligent software

solutions and the expert KASTO service complete the product portfolio. Thanks to continuous technological advancements and ongoing optimisation of machine designs, KASTO has become the leading provider of metal sawing and storage solutions.

Sawing machines from KASTO



KASTO's range of saws includes hacksaws, band saws and circular saws, including everything from saws for the machine shop to high-performance fully automatic machines. www.kasto.com/saegen

Storage solutions from KASTO



Speedy access, optimum space utilisation and a clear storage overview are characteristic of all KASTO storage systems. www.kasto.com/lager

KASTO Service



Quick availability of spare parts and individualised support are a high priority. *KASTOretrofit* transforms your trusted systems to meet current demands. www.kasto.com/service_de

KASTO SmartSolutions



KASTO offers a wide range of digital automation solutions to increase the performance, flexibility and cost efficiency of metal processing and storage. www.kasto.com/smart_de

Your KASTO Partner:

KASTO Maschinenbau GmbH & Co. KG
Industriestr. 14
DE-77855 Achern
+49 7841 61-0
kasto@kasto.com
www.kasto.com

