

Flexmill Disk Changer

EXTENDED UNMANNED PRODUCTION TIME

A must have accessory for any automated disc grinding system. Compact design, easy integration and reliable operation enable longer unmanned work cycles and increase productivity with affordable price.

Flexmill's automatic disk changer keeps the changeover time short and a new disk is available when needed. Flexmill's patented automatic Disk Changer works as a part of the robot's tooling system.

The disk changer is technology patented by Flexmill Oy



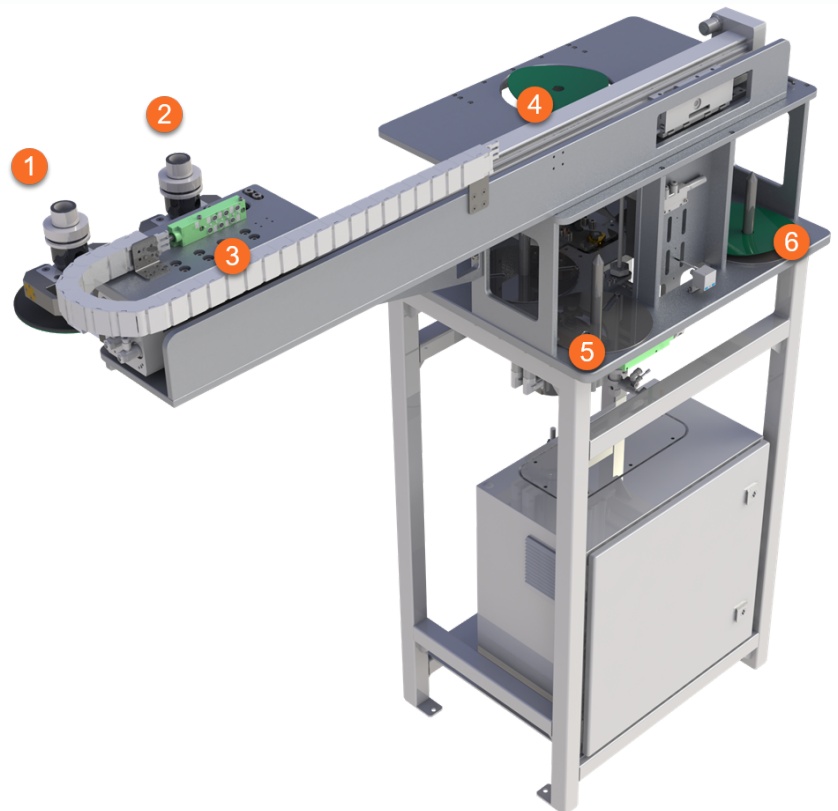
DISK CHANGER FEATURES

The disk changer system increases unmanned production time drastically as the fiber disk exchange can be done during the process cycle.

Long run times can be guaranteed thanks to the capacity of up to 100 fiber disks. The disk changer is integrated with the tool rack cabinet, which design allows disk fill-up during the process cycle if only tool change part of the unit is inside the robot safety cabinet.

The disk changer has two slots for disk grippers (1,2) with horizontal movement (3) that move between the robot gripper exchange area and the disk change position (4).

At the disk exchange position, the old fiber disk is removed and new one inserted to the gripper. The disk changer has two slots (5,6) for new fiber disks allowing the use of different kinds of fiber disks if required.



- ✓ Capacity up to 100 disks
- ✓ 2 disk grippers
- ✓ Integration to tool rack cabinet
- ✓ 2 slots for disk media's
- ✓ Disk change at hidden process time

Dick changer

- Disk grippers (1,2)
- Horizontal movement of grippers (3)
- Disk change position (4)
- Slots for new disk media's (5,6)