

STUDER *ecoLoad*

for the S22 production cylindrical grinding machine

The new integrated *ecoLoad* handling concept for workpieces up to dia. 50mm and 250mm in length fulfills all requirements with respect to efficiency, quality and compact design.

Two different peripheries are available:

1. Revolver magazine concept with swivel gripper
2. Prisma shuttle with V-gripper (this version can also be used as an interface for alternative freestanding loader concepts).



Spectrum of parts:

Shaft and chuck components

Dimensions:

Workpiece weight, max.	3 kg
Workpiece length, max.	250 mm
Workpiece dia, max.	50 mm
Gripping dia. max.	30 mm

Workpiece supply:

Vertical position on revolver
Horizontal position on shuttle

Control:

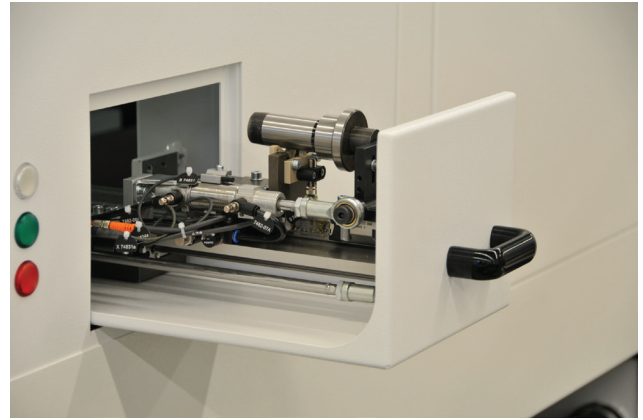
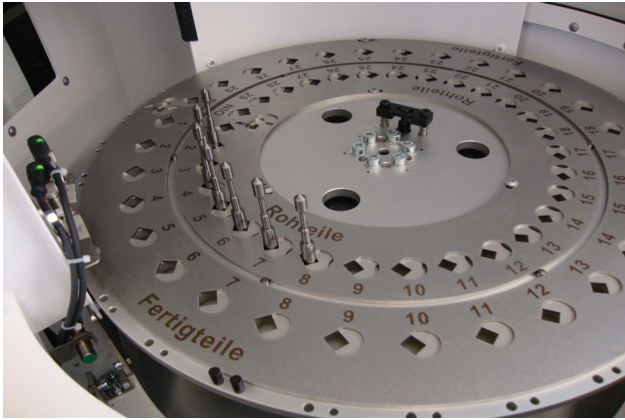
Operation and control through Studer CNC

Interface:

Integrated into Studer CNC

Periphery:

Depending on the application, the workpieces are either on a rotary table or are transferred with a shuttle to the V-gripper of the integrated loader.



Revolver magazine

Autonomy:

Dia.-range from 4 - 20 mm

Dia.-range from 16 - 32 mm

Dia.-range from 30 - 50 mm

1 piece each can be scheduled for SPS and NOK rejection.

60 parts

28 parts

28 parts

Shuttle

Autonomy:

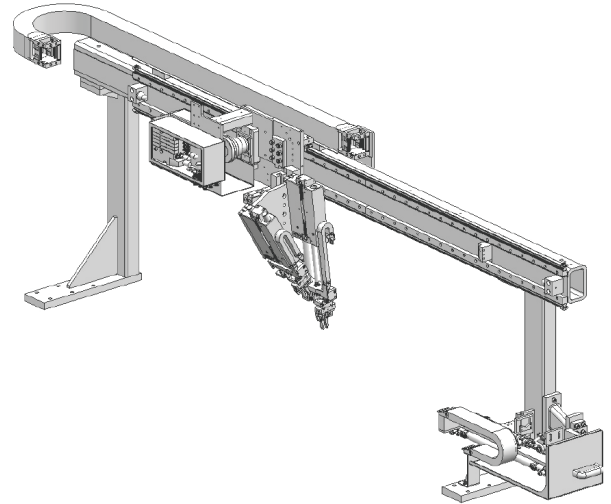
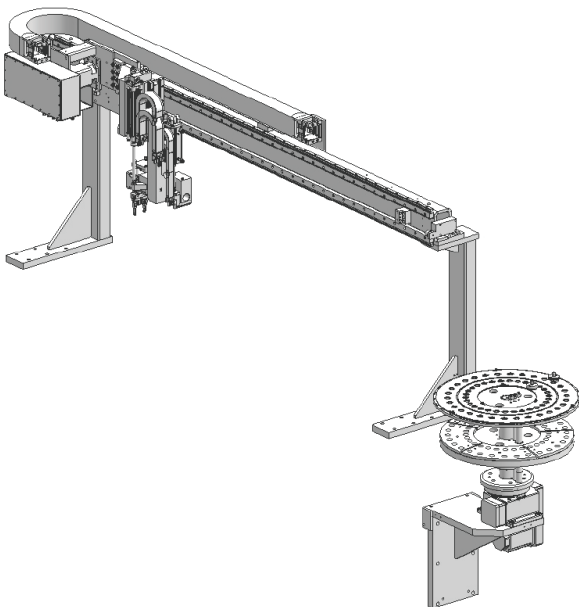
Dia.-range from 1 - 50 mm

- with hand operation (standard)

- the shuttle can be automated optionally

(H3-peripheral loading interface is necessary)

1 part



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