## STUDER ecoload

FOR THE S22 PRODUCTION CYLINDRICAL GRINDING MACHINE



- Fast set-up and changeover in less than 15 minutes
- Interfacing for other automation possible
- No programming knowledge required
- Can be operated via StuderWIN

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ecoLoad

STUDER

The new integrated ecoLoad handling concept for workpieces up to dia. 1. Revolver magazine concept with swivel gripper 50 mm (2") and 250 mm (9.85") in length fulfills all requirements with 2. Prisma shuttle with V-gripper (this version can also be used as respect to efficiency, quality, and compact design. Two different periphies are available:

- an interface for alternative freestanding loader concepts).

## 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
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Diarange from 4 (0.16") - 20 mm (0.8")	60 parts
Diarange from 16 (0.63") - 32 mm (1.25")	28 parts
Diarange from 30 (1.18") - 50 mm (2")	28 parts

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

Spectrum of parts	Shaft and chuck components	
Dimensions		
Workpiece weight, max	3 kg (6.6 lbs)	
Workpiece length, max.	250 mm (9.85″)	
Workpiece dia, max.	50 mm (2")	
Gripping dia. max.	30 mm (1.18")	
Workpiece supply		
Position on revolver	Vertical	
Position on shuttle	Horizontal	
Control	Operation and control through Studer CNC	
Interface	Integrated into Studer CNC	



1 part

## Shuttle

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Diarange	from 1	1 (0.04")	) - 50 mn	n (2″)

with hand operation (standard)

the shuttle can be automated optionally (H3-peripheral loading interface is necessary)