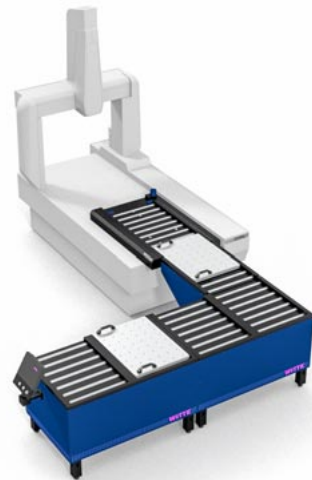


MODULARITY

Setup Examples

Due to the modularity of the WITTE feeder and loading system, multiple requirements can be specifically adapted to your needs. Whether through a common setup area for multiple coordinate measuring machines or simply by adapting to the given space conditions in your measurement room - we will find the perfect modular solution.



SAFETY EQUIPMENT

CUSTOMIZED SAFETY SOLUTIONS TAILORED TO YOUR REQUIREMENTS.

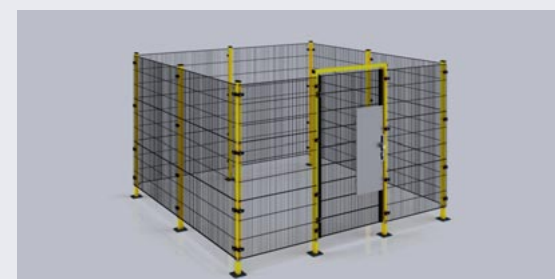
Light Barrier

Passing through the light barrier stops the feeder process.



Protective Fence

Particularly suitable for large-scale securing of a fully automatic feeding and loading system.



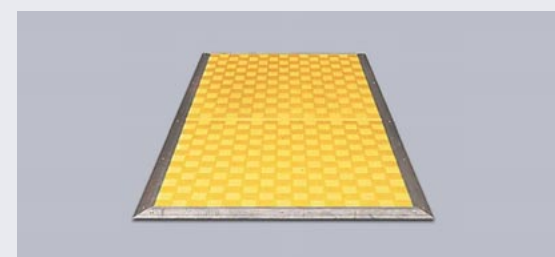
Laser Scanner

Laser scanner for monitoring the protection field.



Safety Mat

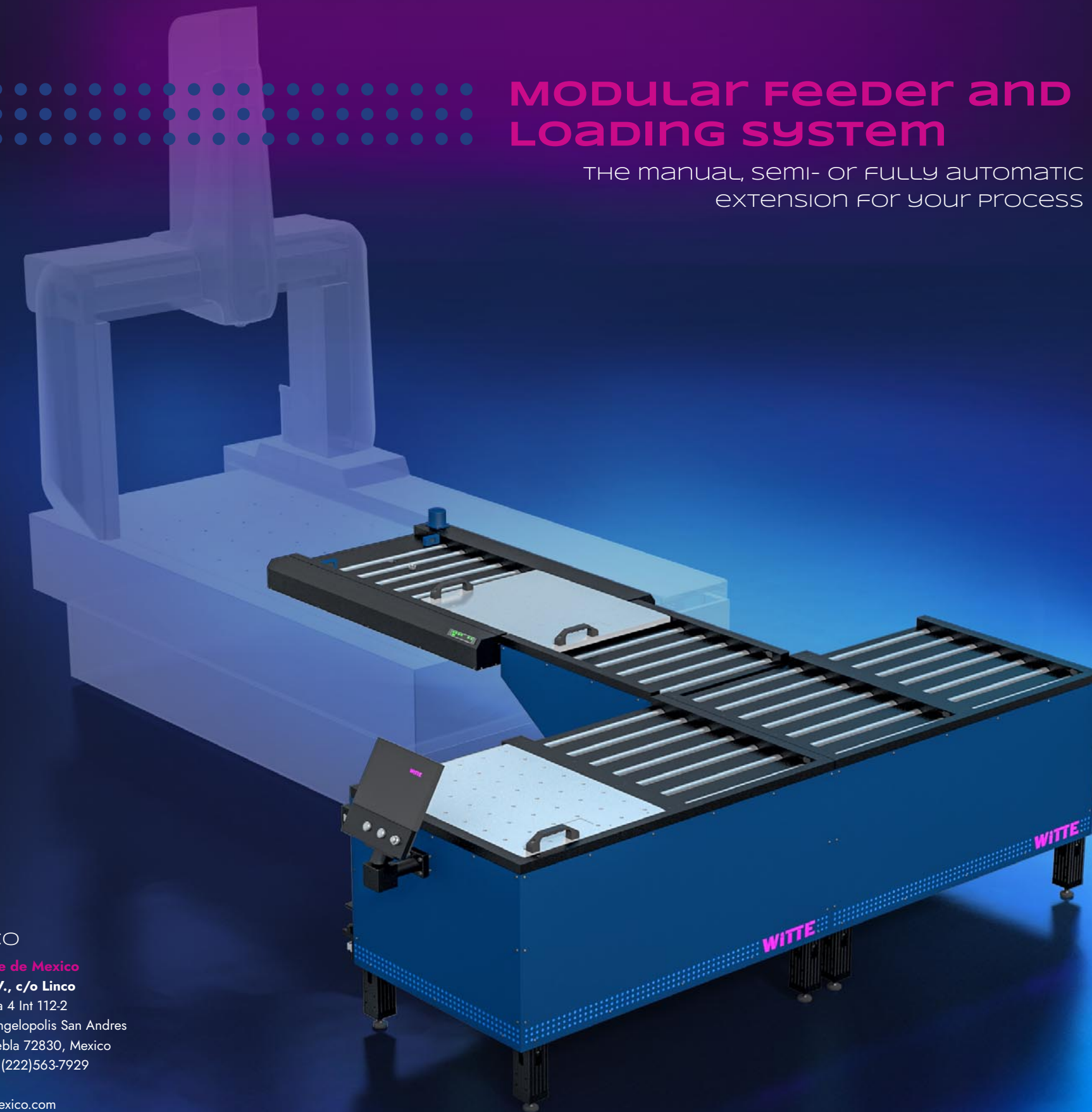
The safety mat reacts upon stepping on it with an immediate stop of the loading system.



WITTE

MODULAR FEEDER AND LOADING SYSTEM

THE MANUAL, SEMI- OR FULLY AUTOMATIC
EXTENSION FOR YOUR PROCESS



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MODULAR FEEDER AND LOADING SYSTEM

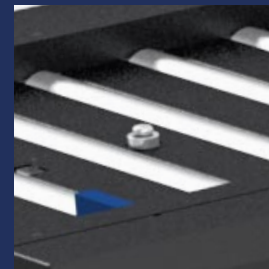
THE manual, semi- or FULLY automatic
EXTENSION FOR YOUR PROCESS

ADVANTAGES

- Reduced setup time
- Higher machine throughput
- Process optimization
- Highly flexible modular system
- Infinite expandability
- Increased productivity
- Easy operation
- Ergonomic
- Upgrade to a higher level of automation can be done later

Safety PLUS: LOCKING MECHANISM ON ALL MODULES

Standard integrated
safety feature to prevent
the grid base plates
against unintentional
movement.



SPECIAL SOLUTIONS:

With more than 50 years of experience in the field of workpiece fixation, we are happy to take on your challenges and work together to develop the best possible solution to optimize your process. Please contact us!

AUTOMATION UPGRADES

- 5 Semi-automation***, including among others:
 - HMI control (Human-Machine Integration)
 - Safety device as required (protective field monitoring)
 - No connection to the measuring machine
 - Active and passive transport rollers: Grid base plates and fixtures are motorized throughout the entire loading system
- 6 Full automation***, including among others:
 - "Upgraded" semi-automation
 - Interface to the coordinate measuring machine
 - Order management

VERTICAL STORAGE MAGAZINE FOR GRID PLATES

- **Semi-automation version**
 - For up to six grid base plates
 - Grid base plates and fixtures are motorized in the magazine
 - The desired movements are controlled by the user via a control panel with a touch display
 - Motorized rollers/movement of the grid plates in all directions

TECHNICAL DATA AND SYSTEM SIZES

- **Adjustment range of the modules in the Z-direction**
- For measuring machine table heights from 650-750 mm, other table heights on request

Maximum load capacity of the components

- Small: 50 kg
- Medium: 200 kg
- Large: 800 kg

Dimensions LxWxH [mm] of the grid base plates

- Small: 400x600x30 mm
- Medium: 600x800x30 mm (shown)
- Large: 800x1200x30 mm

Hole grid of the grid base plates

- Small: Grid 50, D12,5/M6
- Medium: Grid 100, D12,5/M6 (shown)
- Large: Grid 200, D20/M10

Minimum floor space in standard configuration

- Standard with two setup places
- Floor space required excluding the measuring machine 2052x1394 mm



System Sizes	Machine Module	Bridge Module	Double Setup Module (incl. 2 grid base plates)	Single Setup Module (incl. 1 grid base plate)	Rotation Module	Transport Module	Upgrade Kit "Motorized Control"
	The grid base plate is brought to the end position with repeat accuracy and checked by position sensors.	For the transfer of the grid base plates from the setup modules to the machine module.	To expand the setup volume and increase productivity in the loading system.	Single additional module to expand the setup volume by one setup place.	Rotatable by 180° to adapt and utilize the given space conditions.	For the transport of the grid base plates outside the feeding and loading system.	Upgrade from manual control to semi- and fully automatic (plus interface) control.
Small	296902-50M / 296902-50H / 296902-50V	296901-50M / 296901-50H / 296901-50V	296900-50M / 296900-50H / 296900-50V	296903-50M / 296903-50H / 296903-50V	296904-50M / 296904-50H / 296904-50V	296910-50M	296384-50
Medium	296902-200M / 296902-200H / 296902-200V	296901-200M / 296901-200H / 296901-200V	296900-200M / 296900-200H / 296900-200V	296903-200M / 296903-200H / 296903-200V	296904-200M / 296904-200H / 296904-200V	296910-200M	296384-200
Large	296902-800M / 296902-800H / 296902-800V	296901-800M / 296901-800H / 296901-800V	296900-800M / 296900-800H / 296900-800V	296903-800M / 296903-800H / 296903-800V	296904-800M / 296904-800H / 296904-800V	296910-800M	296384-800

...M-Manually / ...H-Semi automation / ...V-Full automation**