

REVO SOLUTION



COMPLETE METALWORKING SOLUTIONS

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ISO Certified

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RAPIDO

REVOBEND

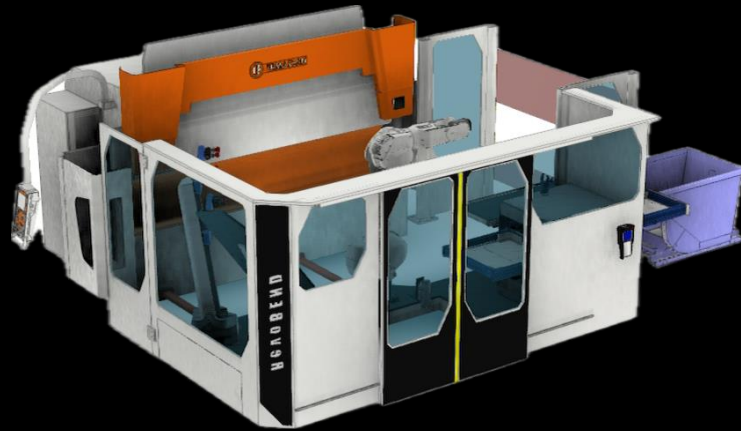
- Robot: NACHI, model MZ12/12kg-arm length 1454mm
- Max. height of material supply: 7.85"
- Max. area of material supply: 2 areas of 27.5" x 15.75"



DINAMICO

REVOBEND

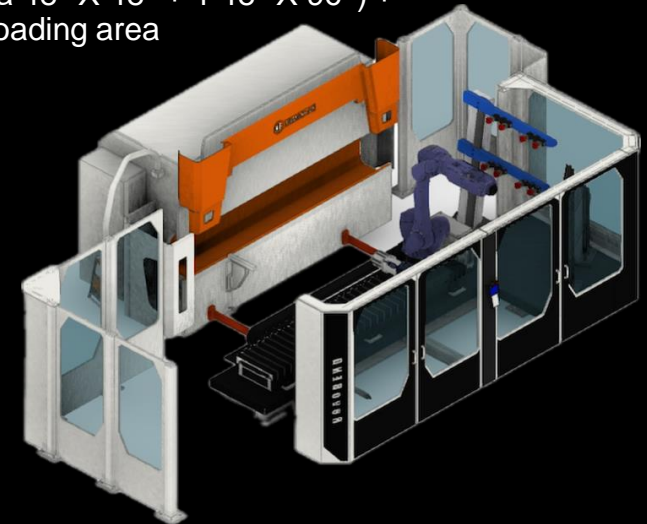
- Robot: NACHI, model MZ50F-01/50 kgs/arm length 2102mm
- Loading weight: 50 kgs max.
- Trap doors: operation zone
- Double air pressure automatic door: loading zone
- Loading area 48" x 72"



ROBUSTO

REVOBEND

- Robot: NACHI, model SRA-100/100 kgs/arm length 2654mm
- Loading weight: 100 kgs max.
- Trail axis specification: valid travel 3500mm
- Trail axis speed.: 15M/min max.
- Trail axis transmission method: servo motor with reducer + rack drive system
- 3 area loading (3 area 48" X 48" or 1 area 48" X 48" + 1 48" X 96") + unloading area



T.M.S

THICKNESS MEASUREMENT SYSTEM

D.S.S

DOUBLE SHEET SYSTEM



RAPIDO

REVOLUTION

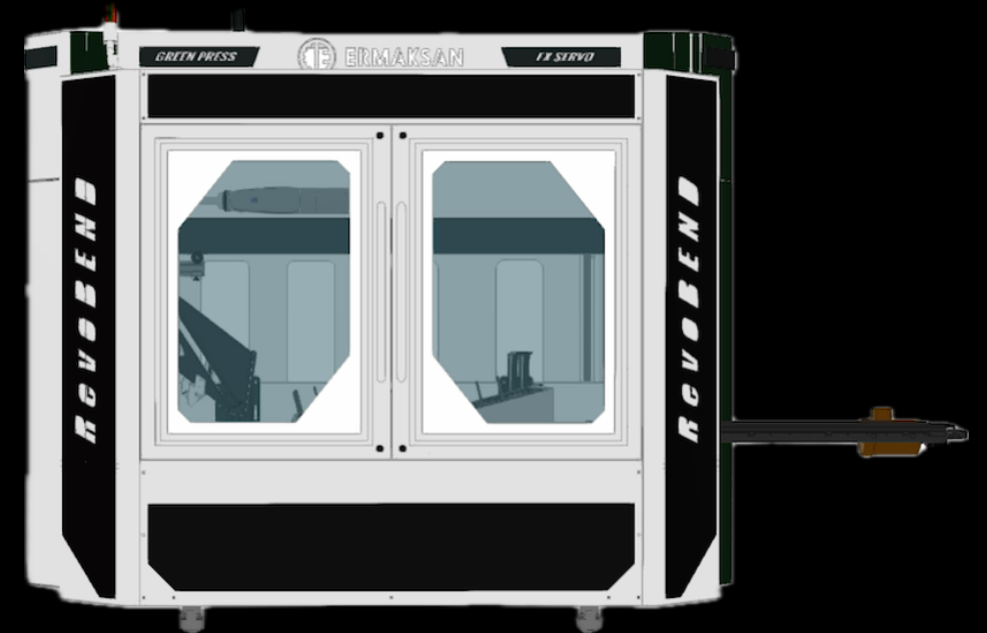
Robot

- NACHI brand MZ12/12kg-arm length 1450mm
- Loading weight: 12kgs max.
- Max. height of material supply: 7.85"
- Max. area of material supply: 2 areas of 27.5" x 15.75"
- Max. clamping weight: 10 kgs
- Operation method: teach pendant
- Outer dimensions: W 93" x D 90.5" x H 82.6"
- Certification: CSA
- CC Link Module
- I/O: 32in/32out
- Parallel jaw unit
- Vacuum suction plate picking unit *2
- Slant type material supply station (positing fixture included)



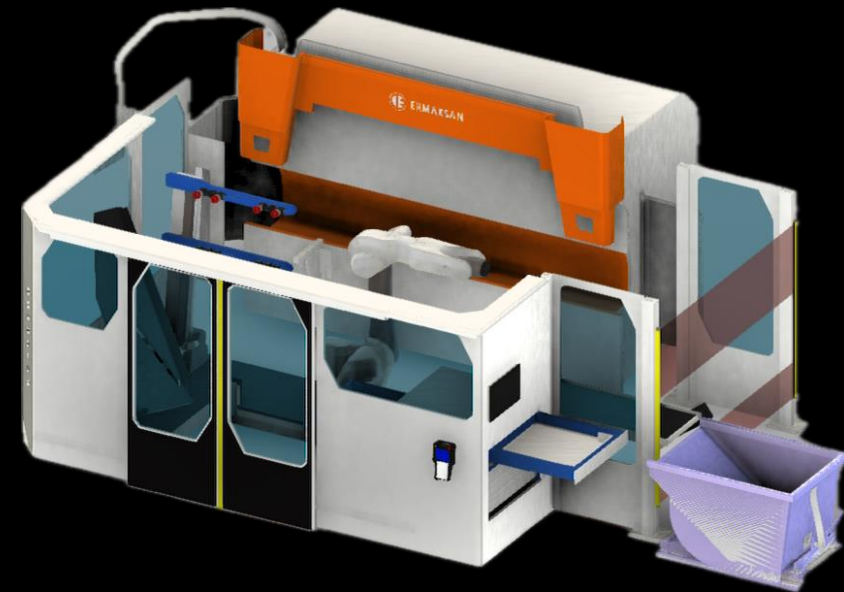
Others

- Thickness measurement (optional depend of controller)
- Double sheet sensor
- Material supply station ZPS quick change system
- Air pressure distribution plate (vacuum generator included)
- Machine positioning locking interface bracket
- Work-piece arrangement table, work-piece flip holder*2
- Finished work-piece conveyor picking gate interface.
- Repositioning: Vacuum suction cup*4 by synchronous control and parallel claws*2, swivel for 2 positions (working and setup)
- Zero station: plate body with stainless steel material, with suction cup unit and adjustable sliding guideway, with sensor



Robot

- NACHI, model MZ50F-01/6 axes/50 kgs/arm length 2102mm with teach pendant and control box (excludes programming edit)
- Loading weight: 50 kgs max.
(Optional 70kg)
- Certification: CSA
- Main body: welded & machined main body
- Outer dimensions: W186" X L90" X H86" (estimation)
- Quick change tool gripper
- Flooring checker plate, with wheels, forklift transportation interface
- CC Link module
- I/O: 32 in/32 out
- Power requirement: 220V/5 KVA.
- Claw: Parallel claws*2, suction claws*4 with one motorized arm
- Operation method: teach pendant
- Trap doors: operation zone
- Double air pressure automatic door: loading zone



Others

- Thickness measurement (optional depend of controller)
- Double sheet sensor
- Detective sensors for loading and unloading zones to make sure the loading cart is on the proper position
- Safety grating: Keyence, anti-palm entry, setup at unloading zone
- (Optional) Unload conveyor 24 inches
- (Optional) Loading drawers
- Repositioning: Vacuum suction cup Automatic adjustment
- Zero station: plate body with stainless steel material, with suction cup unit and adjustable sliding guideway, with sensor
- Air pressure distribution plate (vacuum generator included)
- Connection device for bending press
- Sensor for trap door
- Positioning device for loading zone
- Loading cart: one for loading zone use with guide sleeve positioning device and hydraulic pallet truck loading interface, guidance device

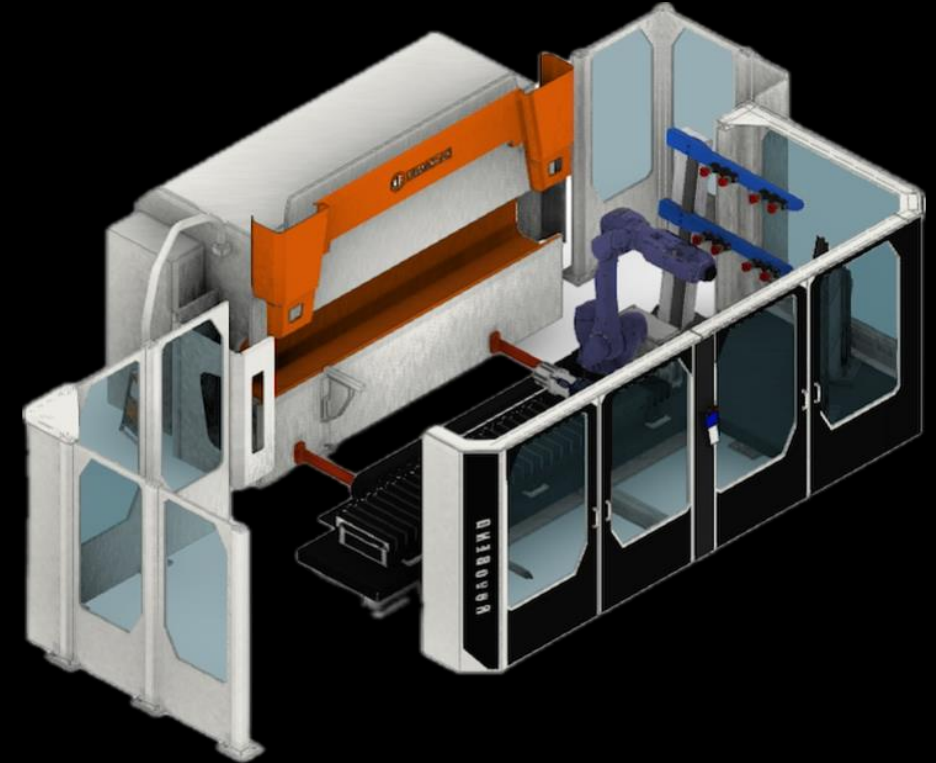


ROBUSTO

REVOBEND

Robot

- NACHI, model SRA-100 /6 axes/100 kgs/arm length 2654mm with teach pendant and control box (excludes programming edit)
- SRA-166 (optional) 166kg
- Loading weight: 100 kgs max.
- Trail axis specification: valid travel 3500mm
- Trail axis speed.: 15M/min max.
- Trail axis transmission method: servo motor with reducer + rack drive system
- Trail axis main body: welded & machined main body + guideways unit
- Air pressure distribution plate (vacuum generator included)
- Operation method: teach pendant
- Certification: CSA
- CC Link module
- Telescopic cover
- Anti-collision block
- Protective tube
- Leveling pads
- Wiring for electrical system of trail and robot arm,
- Limit switch
- I/O: 32 in/32 out
- Zero station: plate body with stainless steel material, with suction cup unit and adjustable sliding guideway, with sensor



ROBUSTO

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Others

- Thickness measurement (optional depend of controller)
- Double sheet sensor
- Full enclosure guarding with REVOBend standard design
- 3 area loading (3 area 48" X 48" or 1 area 48" X 48" + 1 48" X 96") + unloading area
- 1 standard robot fixturing
- 1 suction station
- Repositioning: Vacuum suction cup Automatic adjustment
- Outer dimensions: W28' X L11' X H7.3' (estimation)
- Quick change tool gripper



REVOLUTION

REVOBEND Software

- Fully compatible with Rock series controllers and Delem controllers (Options need for the controller)
- Powered By Almacam Robowave software
- Post programming for Nachi robot
- Easy to use
- Fast programming



unfold

