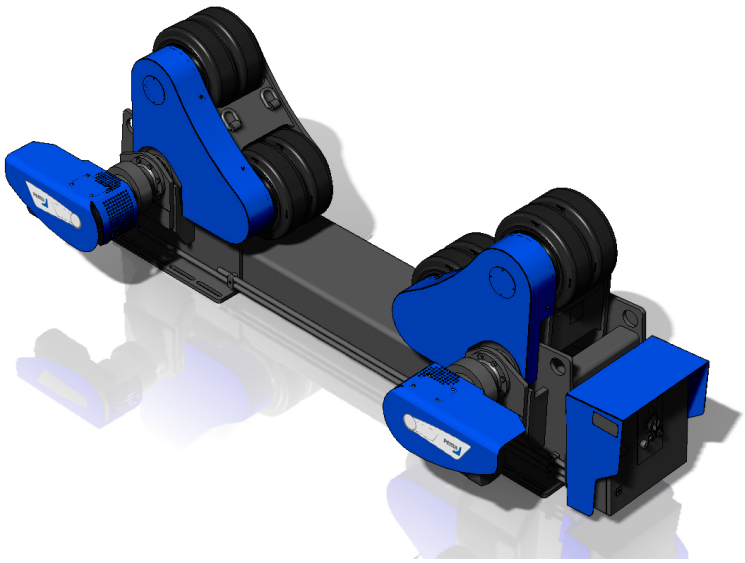
## A-SERIES PEMA ROLLERBED

# A100 2D DRIVE UNIT

## SELF-ALIGNING, 50ton CAPACITY



### Technical data

| | |
|---|---|
| Max load (ton) | 50 |
| Rolling capacity (ton) | 120 |
| Max. rotation force (kN) | 50 |
| Rotation speed range (mm/min) | 100-2000 |
| Diameter range min-max 50% (mm) | 1000-6000 |
| Diameter range min-max 100% (mm) | 2000-6000 |
| Roller diameter / total width (mm) | 440 / 310 |
| Rollers (pcs) | 8 |
| Roller material | PU |
| Width (mm) | 1210 |
| Length (mm) | 3230 |
| Weight (kg) | 2200 |
| Mains supply connection 50 Hz | 3*400V+N+PE |
| Power (A) | 25 |

Due to continuous R&D, Pemamek Ltd reserves the right to change the specification without notice.

## PEMA A-SERIES ROLLERBEDS

PEMA A-series of self-aligning rollerbeds are ideal for handling unbalanced, thin-walled and/or heavy cylindrical work-pieces. The A-series rollerbeds provide even weight distribution, constant rotation speeds and adaptability to a wide range of work-piece diameters without need for separate adjustment. Loading capacities range between 12 and 800 tons.

Two axles of the PEMA A100 2D drive unit are powerdriven. A-series rollerbeds with powered two-wheel drives suit well for wind energy tower and other conical work-piece handling.

In PEMA A-series rollerbeds, roller bogies automatically adjust to align with the diameter of the handled work-piece. Compared with other rollerbed types, PEMA A-type rollerbeds provide superior weight distribution. This is a significant advantage in handling of thin-walled work-pieces.

- Ideal for unbalanced, thin-walled and/or heavy work-pieces
- Even weight distribution
- Automatic adjustment for different work-piece diameters
- PEMA rollerbeds fulfill the requirements of the European EN-safety norm
- All PEMA rollerbeds come with CE-markings

### BETTER PRODUCTIVITY

A cost-effective way to improve productivity, welding quality and safety.

### EASY INTEGRATION

Easy to integrate with other PEMA products like column & booms.

### RELIABLE PRODUCTS

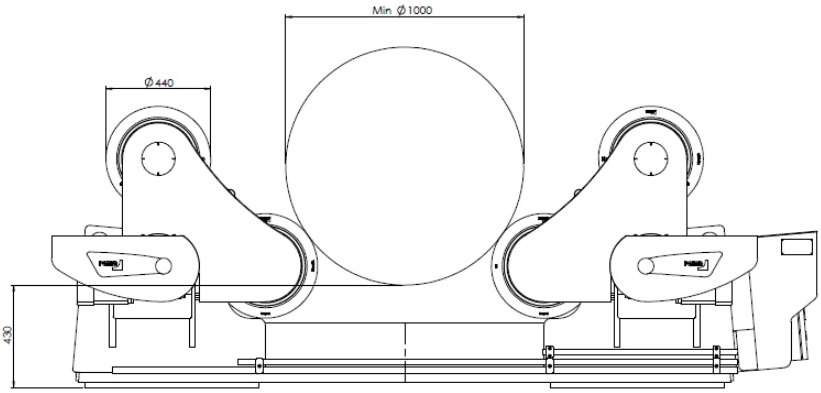
Designed and built for demanding machine shop environment.

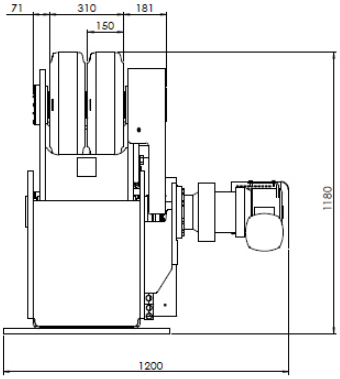


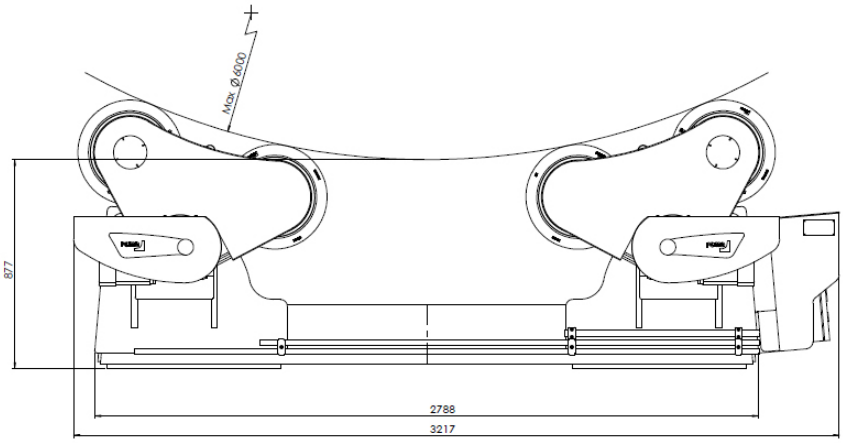
A-SERIES PEMA ROLLERBED

# A100 2D DRIVE UNIT

SELF-ALIGNING, 50ton CAPACITY




## Optional accessories

- Foot pedal for start/stop of rotation
- Foot pedal for speed control of rotation
- External control of rotation
- Rail car units


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