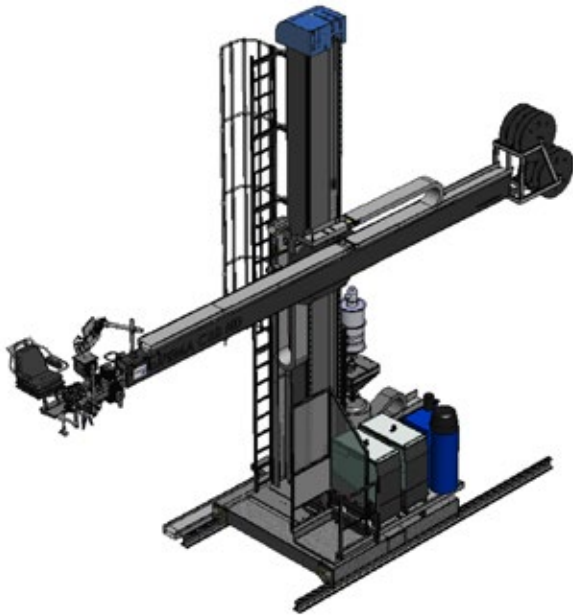


PEMA COLUMN & BOOMS

HD 4X4

HEAVY DUTY SERIES



Technical data

| | |
|-----------------------------------|-------------|
| Vertical reach [A] (mm) | 1150 - 5150 |
| Lifting speed (mm/min) | 2500 |
| Boom reach from c-c [B] (mm) | 1250- 5250 |
| Total height [D] (mm) | 6300 |
| Boom speed (mm/min) | 200 - 2500 |
| Boom front end loading (kg) | 450 |
| Boom rear end loading (kg) | 450 |
| Rail span; inside-inside [E] (mm) | 2350 |
| Column rotation (motorized) | 360° |
| Column rotation speed (min/360°) | 2 |
| Max. turning radius [F] (mm) | 6500 |
| Rail car speed (mm/min) | 2500 |
| Total weight (approx.) (kg) | 8900 |

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

PEMA COLUMN&BOOMS

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The powerful efficiency is based on the innovative integration with PEMA handling equipment, which all together are controlled by PEMA WeldControl 100 management tool.

PEMA C&B can be equipped with welding accessories and processes to fulfill customer's production requirements.

An essential part of efficiency and safety in heavy welding jobs is that your material handling, welding manipulator and welding power sources works hand-in-hand.

- Ideal for hard automation welding solutions
- Flexible, modular construction
- Wide selection of accessories
- Advanced and modern user interface
- Three product families, reach combinations up to 10x10m
- Full integration with all PEMA material handling equipment
- Possible processes to Column & Booms:
 - TIG
 - GMAW
 - SAW (single, twin, tandem and multi-arc)
 - Cladding with wire or strip

BETTER PRODUCTIVITY

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

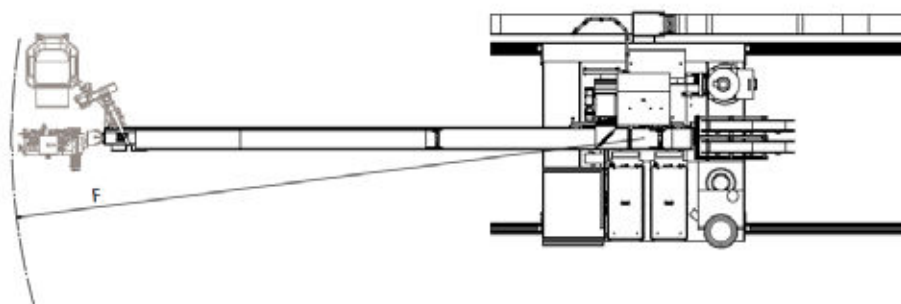
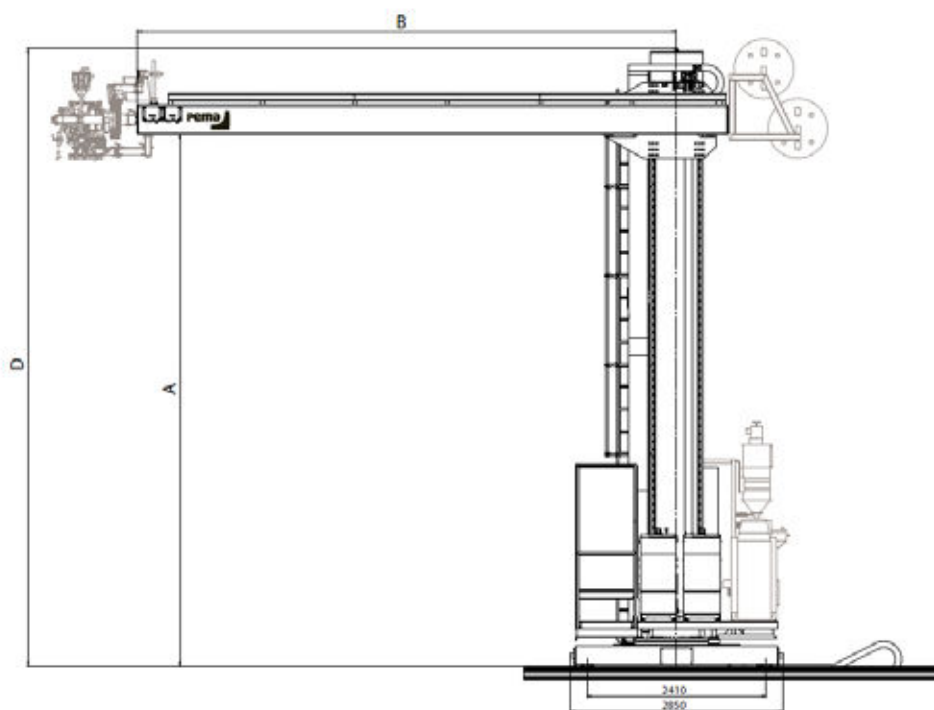
EASY INTEGRATION

Easy to integrate with PEMA positioners and roller beds.

MODULARITY

Depending on the case, every Column & Boom can be modularly customized to best suit the task at hand.





Optional accessories

- Welding equipment
- Cross slides
- Flux handling
- Wire reels
- Control systems
- Camera
- Seam tracking
- Rails and energy chain
- Operator seat

pemamek.com

Sales partner Switzerland:



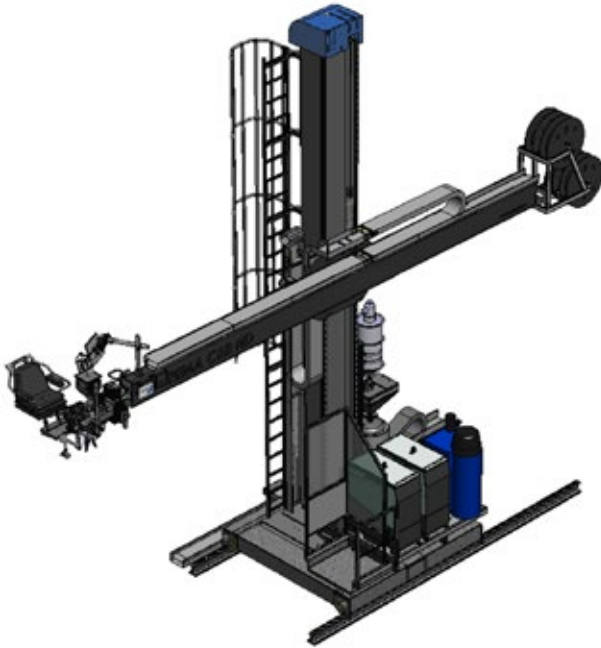
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PEMA COLUMN & BOOMS

HD 5X5

HEAVY DUTY SERIES



Technical data

| | |
|-----------------------------------|-------------|
| Vertical reach [A] (mm) | 1150 - 6150 |
| Lifting speed (mm/min) | 2000 |
| Boom reach from c-c [B] (mm) | 1250- 6250 |
| Total height [D] (mm) | 7300 |
| Boom speed (mm/min) | 200 - 2500 |
| Boom front end loading (kg) | 400 |
| Boom rear end loading (kg) | 400 |
| Rail span; inside-inside [E] (mm) | 2350 |
| Column rotation (motorized) | 360° |
| Column rotation speed (min/360°) | 2 |
| Max. turning radius [F] (mm) | 7500 |
| Rail car speed (mm/min) | 2500 |
| Total weight (approx.) (kg) | 9200 |

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PEMA COLUMN&BOOMS

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- Flexible, modular construction
- Wide selection of accessories
- Advanced and modern user interface
- Three product families, reach combinations up to 10x10m
- Full integration with all PEMA material handling equipment
- Possible processes to Column & Booms:
 - TIG
 - GMAW
 - SAW (single, twin, tandem and multi-arc)
 - Cladding with wire or strip

BETTER PRODUCTIVITY

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

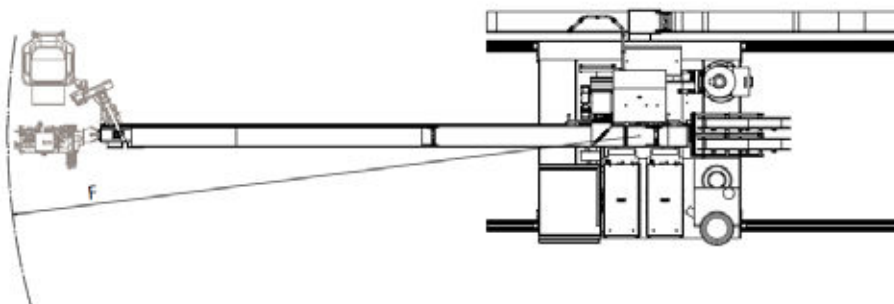
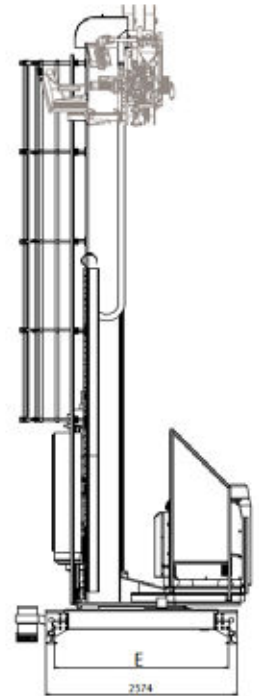
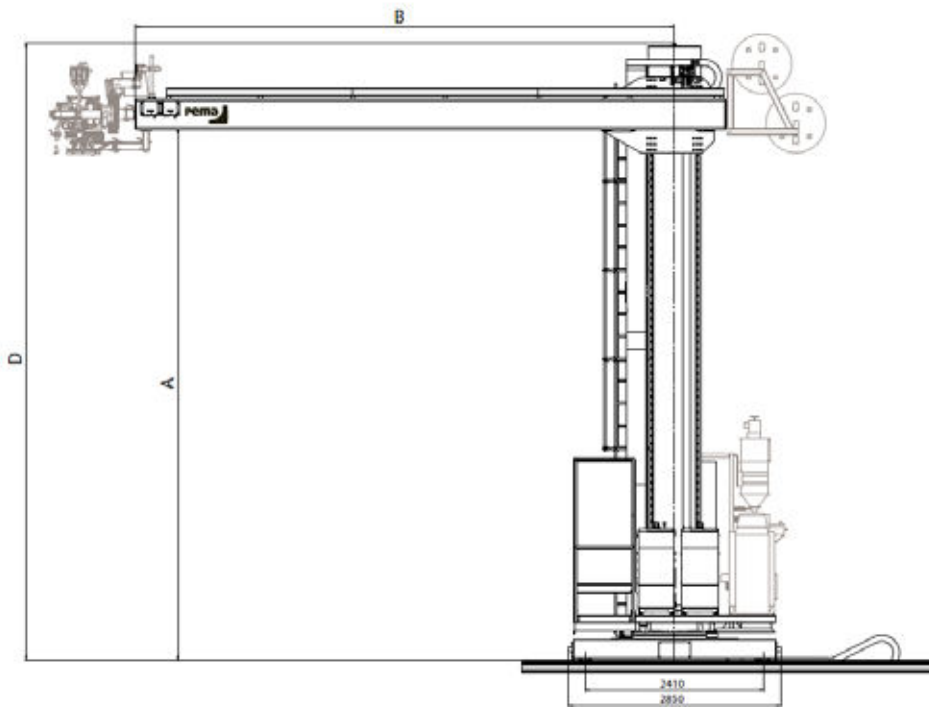
EASY INTEGRATION

Easy to integrate with PEMA positioners and roller beds.

MODULARITY

Depending on the case, every Column & Boom can be modularly customized to best suit the task at hand.





Optional accessories

- Welding equipment
- Cross slides
- Flux handling
- Wire reels
- Control systems
- Camera
- Seam tracking
- Rails and energy chain
- Operator seat

pemamek.com

Sales partner Switzerland:



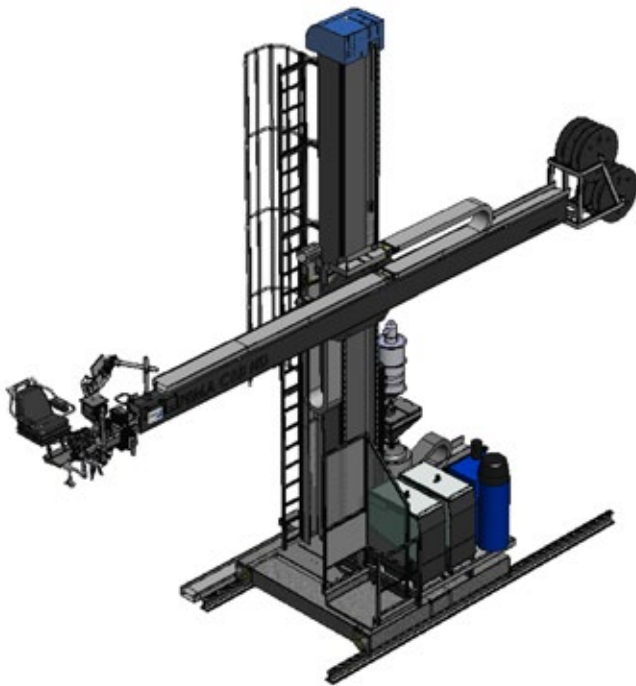
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PEMA COLUMN & BOOMS

HD 6X6

HEAVY DUTY SERIES



Technical data

| | |
|-----------------------------------|-------------|
| Vertical reach [A] (mm) | 1150 - 7150 |
| Lifting speed (mm/min) | 2000 |
| Boom reach from c-c [B] (mm) | 1250- 7250 |
| Total height [D] (mm) | 8300 |
| Boom speed (mm/min) | 200 - 2500 |
| Boom front end loading (kg) | 300 |
| Boom rear end loading (kg) | 300 |
| Rail span; inside-inside [E] (mm) | 2350 |
| Column rotation (motorized) | 360° |
| Column rotation speed (min/360°) | 2 |
| Max. turning radius [F] (mm) | 8500 |
| Rail car speed (mm/min) | 2500 |
| Total weight (approx.) (kg) | 9500 |

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PEMA COLUMN&BOOMS

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- Flexible, modular construction
- Wide selection of accessories
- Advanced and modern user interface
- Three product families, reach combinations up to 10x10m
- Full integration with all PEMA material handling equipment
- Possible processes to Column & Booms:
 - TIG
 - GMAW
 - SAW (single, twin, tandem and multi-arc)
 - Cladding with wire or strip

BETTER PRODUCTIVITY

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

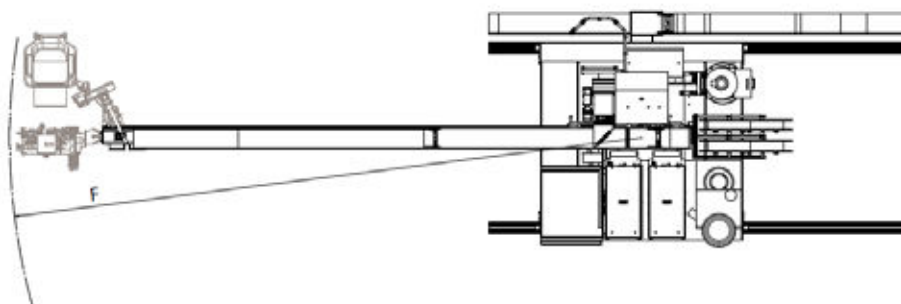
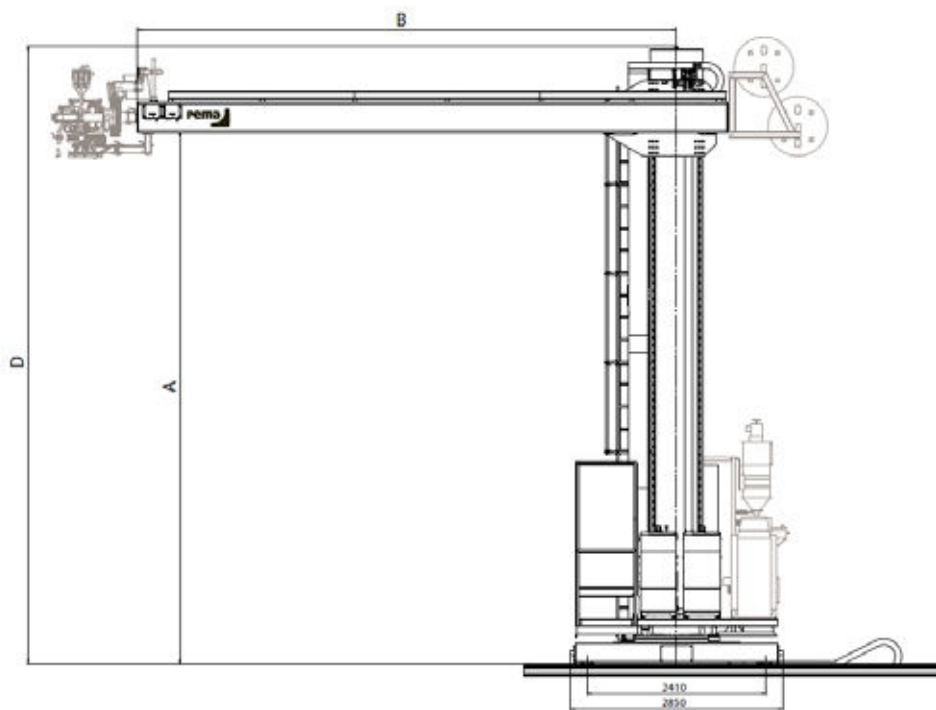
EASY INTEGRATION

Easy to integrate with PEMA positioners and roller beds.

MODULARITY

Depending on the case, every Column & Boom can be modularly customized to best suit the task at hand.





Optional accessories

- Welding equipment
- Cross slides
- Flux handling
- Wire reels
- Control systems
- Camera
- Seam tracking
- Rails and energy chain
- Operator seat

pemamek.com

Sales partner Switzerland:



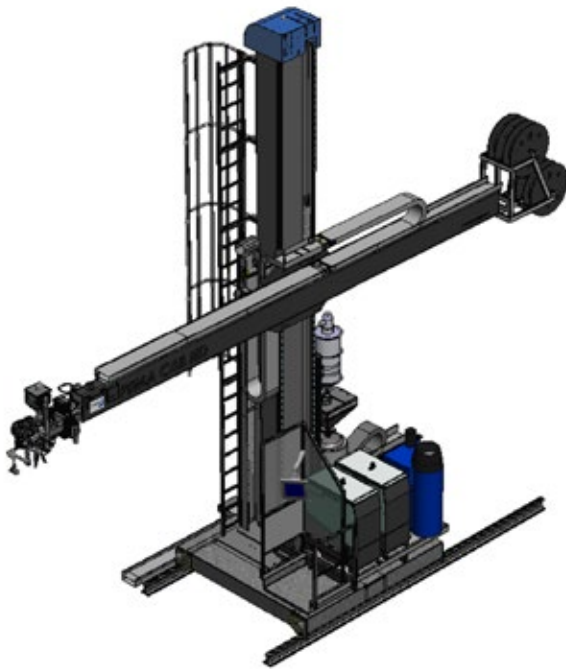
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PEMA COLUMN & BOOMS

HD 7X7

HEAVY DUTY SERIES



Technical data

| | |
|-----------------------------------|-------------|
| Vertical reach [A] (mm) | 1150 - 8150 |
| Lifting speed (mm/min) | 2000 |
| Boom reach from c-c [B] (mm) | 1250 - 8250 |
| Total height [D] (mm) | 9300 |
| Boom speed (mm/min) | 200 - 2500 |
| Boom front end loading (kg) | 250 |
| Boom rear end loading (kg) | 250 |
| Rail span; inside-inside [E] (mm) | 2350 |
| Column rotation (motorized) | 360° |
| Column rotation speed (min/360°) | 2 |
| Max. turning radius [F] (mm) | 9500 |
| Rail car speed (mm/min) | 2500 |
| Total weight (approx.) (kg) | 9800 |

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- Possible processes to Column & Booms:
 - TIG
 - GMAW
 - SAW (single, twin, tandem and multi-arc)
 - Cladding with wire or strip

BETTER PRODUCTIVITY

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

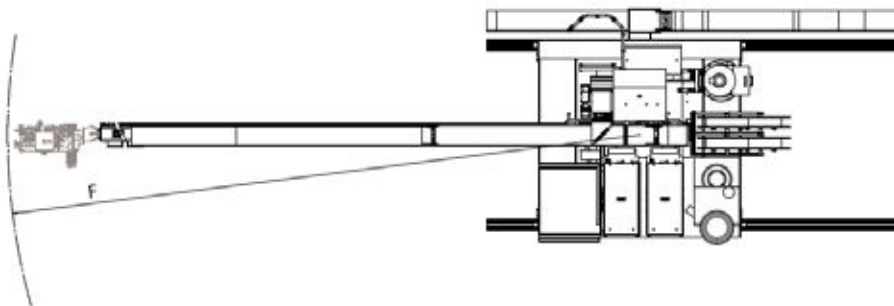
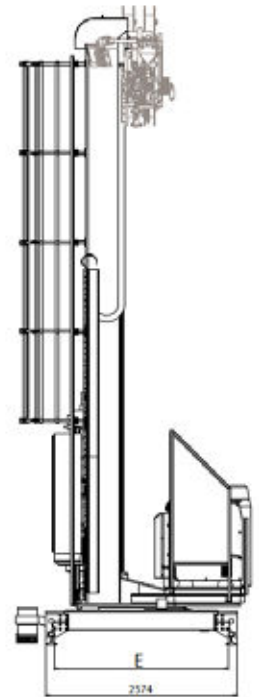
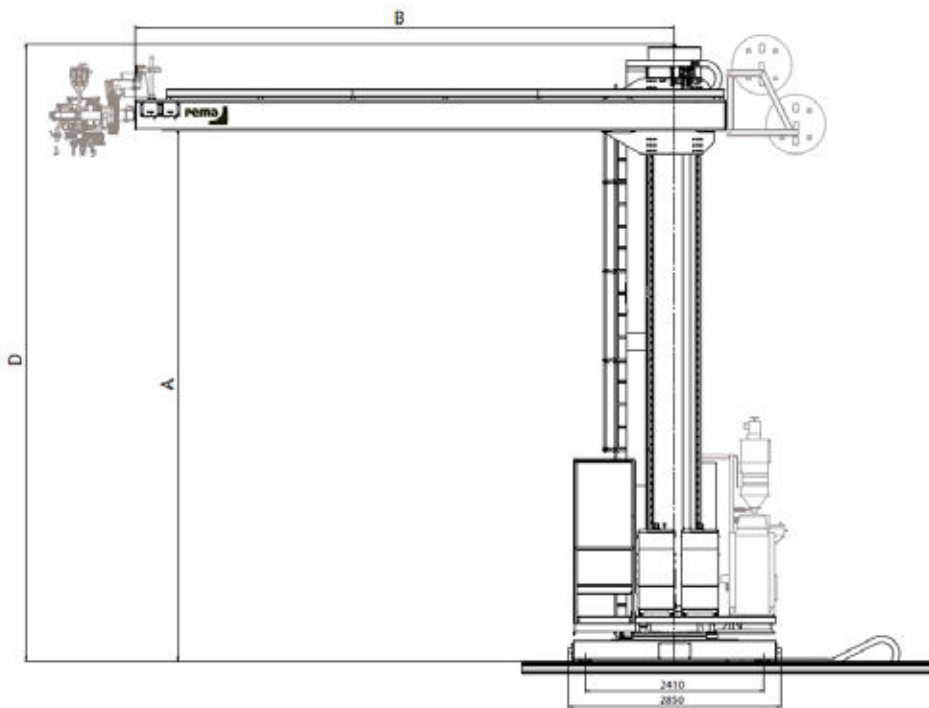
EASY INTEGRATION

Easy to integrate with PEMA positioners and roller beds.

MODULARITY

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Optional accessories

- Welding equipment
- Cross slides
- Flux handling
- Wire reels
- Control systems
- Camera
- Seam tracking
- Rails and energy chain

pemamek.com

Sales partner Switzerland:



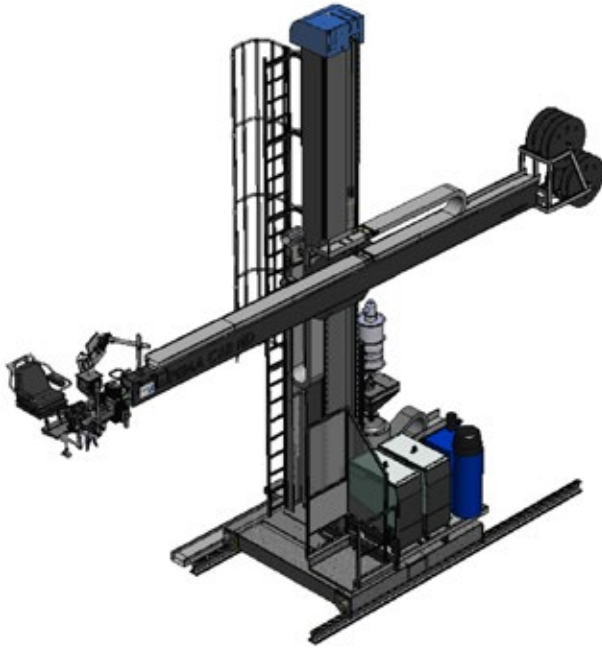
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PEMA COLUMN & BOOMS

HD 8X6

HEAVY DUTY SERIES



Technical data

| | |
|-----------------------------------|-------------|
| Vertical reach [A] (mm) | 1150 - 9150 |
| Lifting speed (mm/min) | 2000 |
| Boom reach from c-c [B] (mm) | 1250- 7250 |
| Total height [D] (mm) | 10300 |
| Boom speed (mm/min) | 200 - 2500 |
| Boom front end loading (kg) | 300 |
| Boom rear end loading (kg) | 300 |
| Rail span; inside-inside [E] (mm) | 2350 |
| Column rotation (motorized) | 360° |
| Column rotation speed (min/360°) | 2 |
| Max. turning radius [F] (mm) | 8500 |
| Rail car speed (mm/min) | 2500 |
| Total weight (approx.) (kg) | 10200 |

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 - GMAW
 - SAW (single, twin, tandem and multi-arc)
 - Cladding with wire or strip

BETTER PRODUCTIVITY

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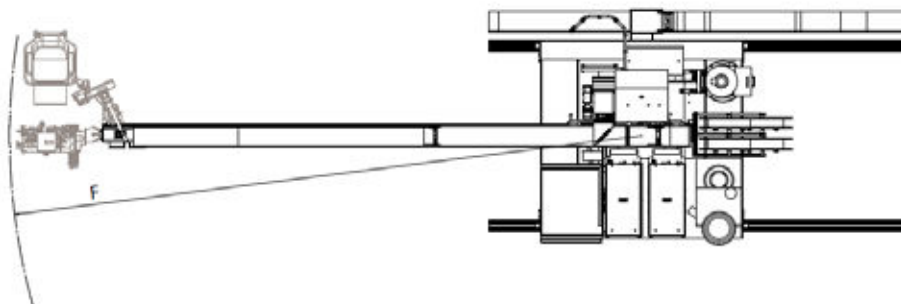
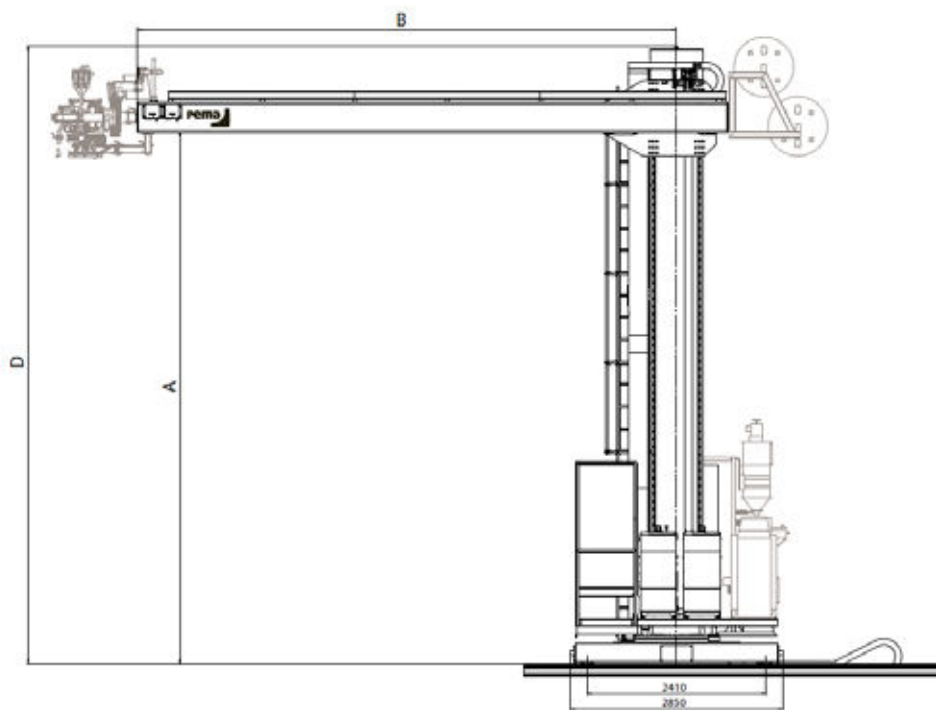
EASY INTEGRATION

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MODULARITY

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Optional accessories

- Welding equipment
- Cross slides
- Flux handling
- Wire reels
- Control systems
- Camera
- Seam tracking
- Rails and energy chain
- Operator seat

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