



## ROLLEXPRESS Flexible rolling machine

- Output: up to 300 shells/ hour
- Single rotation rolling
- Diameter changeover in 15 seconds without tools
- Easy to use
- Best rolling quality
- Material:
  - Inconel
  - Titanium
  - Aluminium
  - Stainless steel
  - Steel



### Min. rolling diameter (mm)

Approximate figures for E24-2 steel

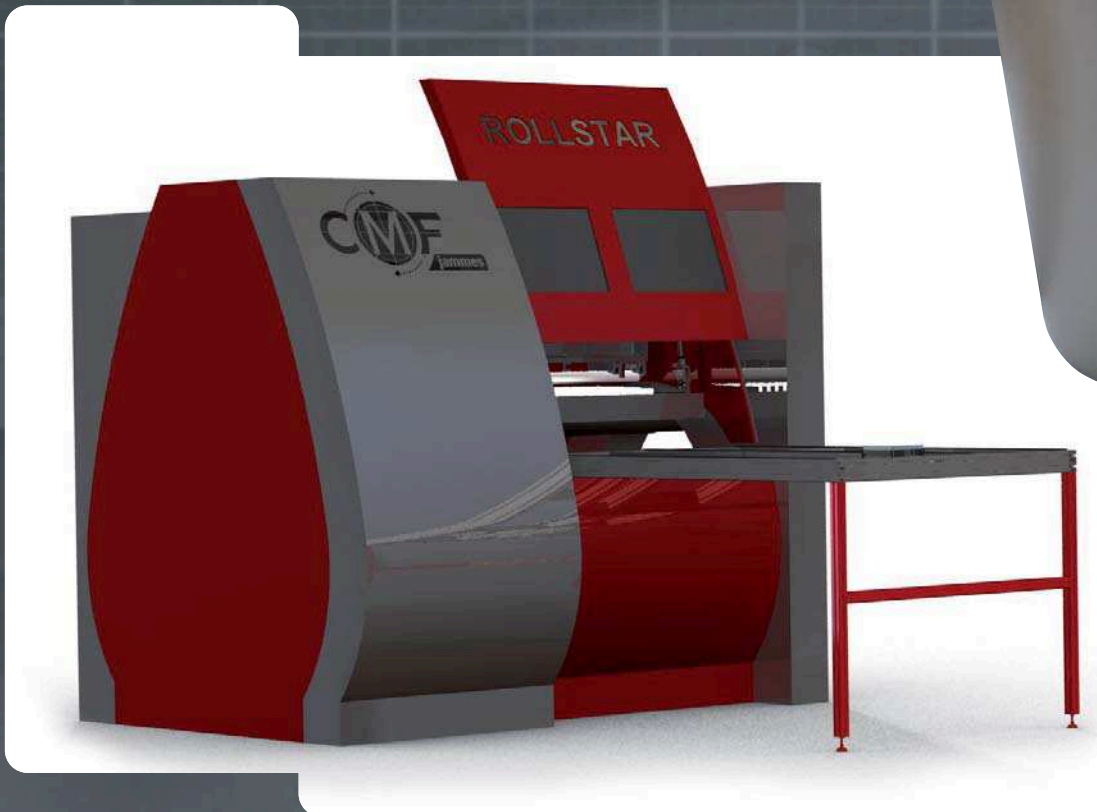
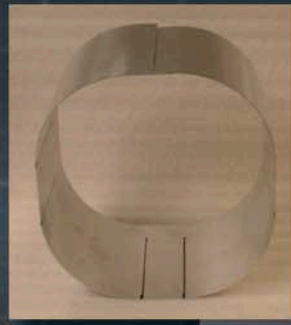
Thickness of sheet (mm)	0,5	1	2	3	5	8	10
Length of ferrul (mm)							
250	39	43	55	66	88		
500	60	66	88	105	143	176	
750	81	90	116	132	176	220	
1000	99	114	132	165	220	275	303
1500	128	138	171	187	253	303	330
2000	150	168	198	220	303	330	385

Please contact us for any other dimensions

# ROLLSTAR

## High performance rolling machine

- Output: up to 600 shells/ hour
- Single rotation rolling
- Diameter changeover in 15 seconds without tools
- Easy to use
- Can be connected to a Jammes welding station
- Best rolling quality
- Material:
  - Inconel
  - Titanium
  - Aluminium
  - Stainless steel
  - Steel



### Min. rolling diameter (mm)

Approximate figures for E24-2 steel

Thickness of sheet (mm)	0,5	1	2	3	5	8	10
Length of ferrul (mm)							
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## SEAMEXPRESS

### Flexible welding station

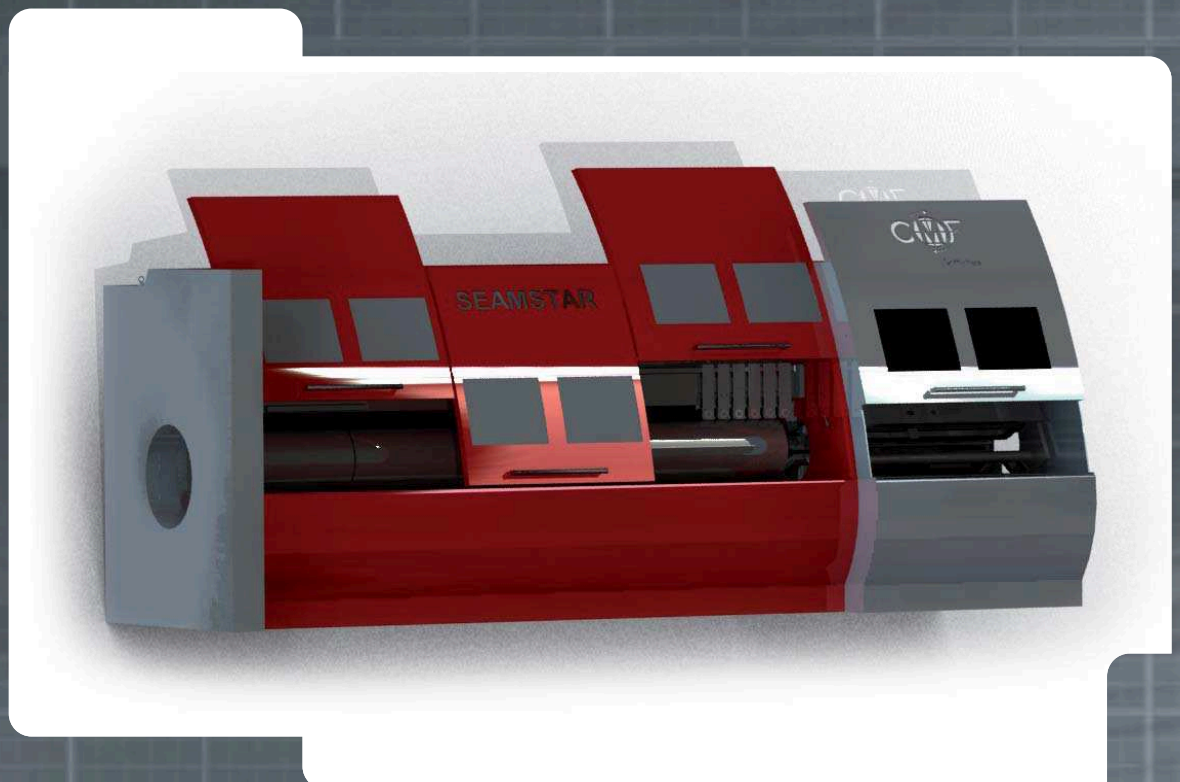
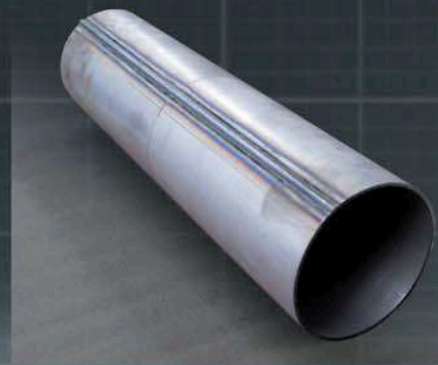
- Shells by shells welding
- Output: up to 100 shells/ hour
- Production changeover time of less than 5 minutes
- Superior seam quality
- Repeatability of the process
- Welding process:
  - TIG
  - MIG
  - Plasma
  - Submerged arc welding
  - Laser (alone, with filler wire or hybrid)
- Material:
  - Inconel
  - Titanium
  - Aluminium
  - Stainless steel
  - Steel



# SEAMSTAR

## High performance welding station

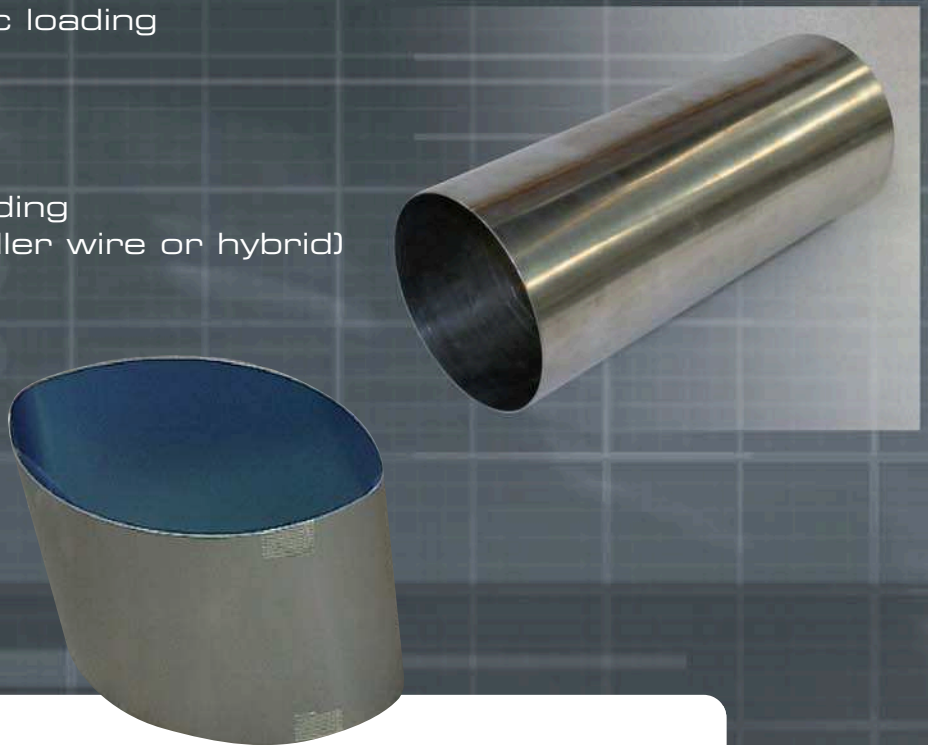
- Output: up to 1400 shells/ hour
- Seam welding
- Production changeover time of less than 5 minutes
- Superior seam quality
- Repeatability of the process
- Welding process:
  - TIG
  - MIG
  - Plasma
  - Submerged arc welding
  - Laser (alone, with filler wire or hybrid)
- Material:
  - Inconel
  - Titanium
  - Aluminium
  - Stainless steel
  - Steel



## CR LINE

### Flexible rolling machine and welding station

- Fixed shells and mobile torch
- Output: up to 100 shells/ hour
- Production changeover time of less than 5 minutes
- Superior seam quality
- Repeatability of the process
- Destacker: automatic loading
- Welding process:
  - TIG
  - MIG
  - Plasma
  - Submerged arc welding
  - Laser (alone, with filler wire or hybrid)
- Material:
  - Inconel
  - Titanium
  - Aluminium
  - Stainless steel
  - Steel



## JO LINE

### High performance rolling machine and welding station

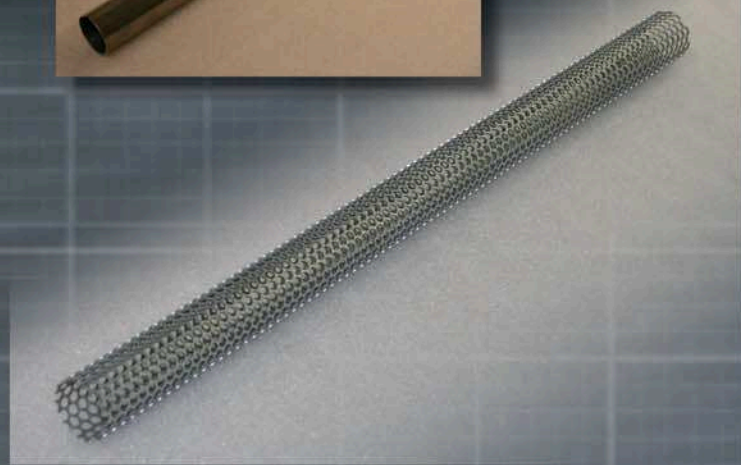
- Mobile shell + fixed torch = continuous welding
- High productivity : up to 500 shells/hour
- Production changeover time of less than 5 minutes
- Superior seam quality
- Repeatability of the process
- Destacker: automatic loading
- Welding process:
  - TIG
  - MIG
  - Plasma
  - Submerged arc welding
  - Laser (alone, with filler wire or hybrid)
- Material:
  - Inconel
  - Titanium
  - Aluminium
  - Stainless steel
  - Steel



## T180

### Rolling machine for small diameters / long lengths

- Output: up to 300 shells/ hour
- Continuous cycle rolling
- Diameter changeover in 15 seconds with no tools required
- Easy to use
- Material:
  - Inconel
  - Titanium
  - Aluminium
  - Stainless steel
  - Steel





## R180 Rolling machine for complex forms

- Output: up to 120 shells/ hour
- Single rotation rolling
- Diameter changeover in 15 seconds without tools



## AERONAUTICAL ROLLING MACHINE

CMF Jammes, world leader in aeronautical industry rolling applications.

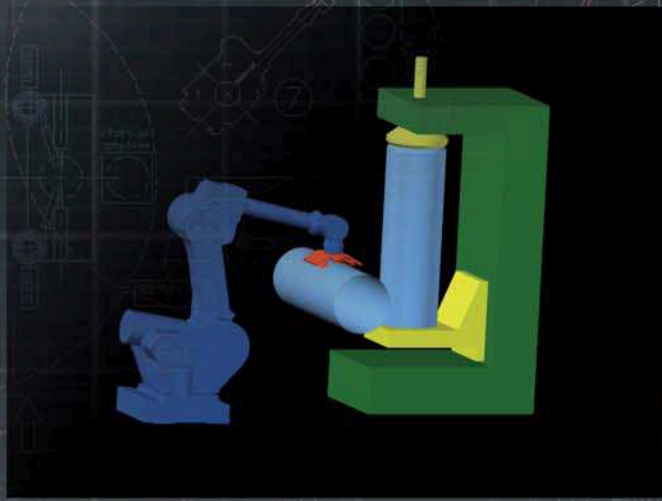
Major customers:

Sogerma (EADS), Chengdu Aircraft

Shanghai Aircraft, Nanchang Aircraft ...



12 m rolling machine,  
300 ton capacity



## COMPLETE ROBOTISED LINES

CMF develops and integrates all types of solutions for materials handling, conveying, robotised applications, destacking blanks, forming of sheet metal, welding of accessories, etc., to suit your requirements.

Our capacities in terms of mechanical, electrical, automation and robot engineering enable us to offer you complete solutions for your workshops.

