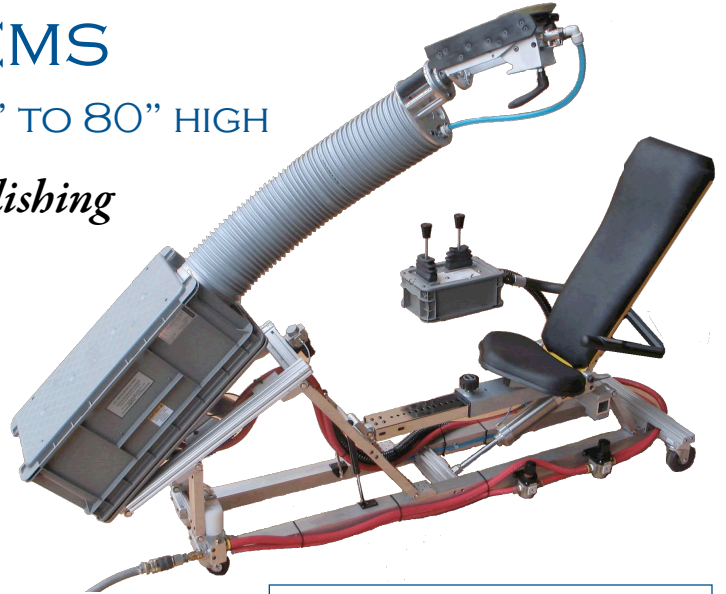


TEMPLE ALLEN INDUSTRIES EMMA SURFACE PREPARATION SYSTEMS

# EMMA BELLY SYSTEMS

HORIZONTAL UNDERSIDES FROM 28" TO 80" HIGH

*Mechanical Sanding, Grinding, and Polishing  
Solutions that protect workers and  
boost productivity*



## Measurable Gains In Productivity:

- ✓ 4 - 7 times faster
- ✓ Sand 5x longer before changing paper
- ✓ Experience virtually dustless operations

## Enhanced Safety - Top of Plane to Bottom Line:

- ✓ Eliminates vibration and high grip force trauma
- ✓ No more sore shoulders or aching backs
- ✓ Boosts worker health, morale, and availability
- ✓ Captures particulates, keeps shop air cleaner (w/ optional vacuum)

## Quality You Can Touch, See, And Measure:

- ✓ Consistently higher quality surface
- ✓ Reduces scrapped parts and scalloping damage

## Simplifies Workflow & Operations:

- ✓ Requires few modifications to the existing workflow
- ✓ Available with integrated Nilfisk vacuum systems
- ✓ All-pneumatic, no electricity
- ✓ 97% or better availability

## Belly System Overhead Sanding Zones

### Commercial Aircraft

Zone 1 - Under Belly

### Business/Personal Aircraft

Zone 1 - Under Belly

Zone 2 - Under Wings

Zone 3 - Engine Cowlings

### Aluminum / Composite Yachts

Zone 1 - Hull Bottom

### Wind Turbine Blades

Zone 1 - Flashing cutoff operations

Zone 2 - Blade edge grinding underside

Zone 3 - Entire underside of blade





**Temple Allen EMMA Low Belly System**

*pictured left*

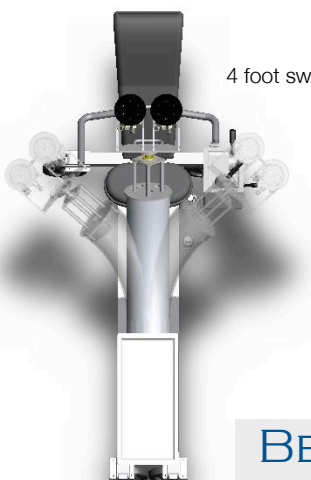
EMMA sweep width ..... 4 feet  
 Underside Access (height) .. 29" - 63.5"  
 Sander Capacity .....1 or 2  
 Air requirement (90 psi) ..... 5 cfm  
 Sander Air req. (cfm) .....12 (typical)  
 Optional Vacuum Ready .....Yes  
 Base length ..... 6 feet

**Temple Allen EMMA High Belly System**

*pictured below*

same specs as above, except:  
 Underside Access (height) .. 32" - 80"  
*note - Custom systems can reach lower or higher - call us to find out more.*

Temple Allen Industries' unique Belly Systems provides access to all under-wing and lower fuselage horizontal surfaces from 29" to 80" high. The operator is in complete control of sanding rate at all times, and is fully and comfortably supported by the adjustable, ergonomically-friendly chair. Two versions - "Low Belly" and "High Belly" - are available to better fit customer task requirements. In addition to over-whelming ergonomic advantages, Temple Allen Belly Systems boost productivity (typically 4X faster), reduce sandpaper consumption and easily incorporate optional Nilfisk vacuum systems and Norton Multi-Air abrasives for a practically dust-free operation.



4 foot sweep range



14" Auto Adjust range



Reaches up to 80"

**BELLY SYSTEM**  
 RANGE OF MOTION

TAI4521 Rev D