



# SurfTech PVD Coating



*The SurfTech PVD (Physical Vapor Disposition) coating machine significantly increases tool life span by applying a 0.0001" layer of hardened coating to the tool's surface.*

## Highlights:

- ✓ **Stress-free operation and maintenance** → Switching between different coating types in just 15 minutes
- ✓ **User friendly interface** → Full automation and control through touch-screen
- ✓ **Heavy duty hardware** → Built to last
- ✓ **Remote diagnosis system** → Technicians can diagnose and service remotely, ensuring maximum up-time and production



# Applications

## Cutting Tools

- + Enhanced Performance
- + Increased Speed
- + Longer Lasting
- + Temperature Resistant



## Mold & Die Casting

- + Increased Speed
- + Improved Final Product
- + Easy to Clean
- + No Expensive Lubricant



## Forming & Punching Tools

- + Increase Wear Resistance
- + Reduce Sticking
- + Reduce the Need for Lubricants



## Other Applications

- + PVD coating is useful for a wide variety of specialized industries, including automotive, recreational equipment, electronics & semiconductors, medical instruments, aerospace and decorative coatings.



# Specifications

## Model

	STAR 2	STAR 4	STAR 6
Load diameter	300 mm / 11.81"	600 mm / 23.62"	600 mm / 23.62"
Load height	300 mm / 11.81"	550 mm / 21.65"	750 mm / 29.52"
Max Load Weight	200 kg / 400 lb	500 kg / 1,100 lb	600 kg / 1,322 lb
Cathodic Arc Sources	2 sets	4 sets	6 sets
Cycle Time	2-3 hours	3-4 hours	4-5 hours
Foot Print	1,560 x 1,590 mm (61.41" x 62.59")	2,852 x 1,860 mm (112.2" x 73.23")	2,852 x 1,860 mm (112.2" x 73.23")
Applications	-Small batch production -Fast cycle coatings	High volume tool coatings	High volume large molds

Williams and White reserves the right to alter or amend specifications without prior notice



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