

THE COATING MACHINE

FST

To respond to current market developments and customers' requests Flame Spray Technologies developed The Coating Machine™.

To service a wide variety of markets The Coating Machine™ has been developed with standardization in mind but yet giving customers enough options to select to fit their specific needs.



The Coating Machine™ will operate all conventional Coating Processes including: APS, HVOF, Flame Wire, Flame Powder and Arc-Spray. Typically, the system will be operated using FST's State-of-the-Art 50-Series-Digital.

The Coating Machine™ has three different configurations:

1) The Coating Machine™ Type 1

- a) ABB IRB 4600 45/2.05 Robot, T1200 Non-Tilting Turn Table (1.200kg)
- b) ABB IRB 4600 45/2.05 Robot, LTT1200 Tilting Turn Table (1.200kg)

2) The Coating Machine™ Type 2

- a) ABB IRB 4600 45/2.05, 2 Station Carousel, 100kg
- b) ABB IRB 4600 45/2.05, 8 Station Carousel, 25kg

3) The Coating Machine™ Type 3

- a) ABB IRB 4600 40/2.05, L2500 Spray Lathe, 2500mm, 1000kg
- b) ABB IRB 4600 40/2.05, L2500 Spray Lathe & Turn Table, 1000kg

This concept has several advantages:

- Cost reducing due to standardization, but with options to choose from
- Pre-installed equipment, hoses and cables
- Shipped and installed as a fully operational unit
- Reduced installation times
- Build robust and to the highest possible standard

For more information, please contact your FST representative

