

Problem: Replacement of Chrome / PU

Required properties:

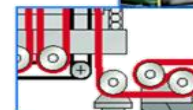
Current EU legislation (REACH) forces replacement of hardchrome (still used in many processes)
Thermal sprayed coatings are an excellent replacement of hardchrome of components



Habets Solution: HP-HVOF coatings as an alternative for:

HP-HVOF coatings as an alternative for:

- ✓ Hard Chrome Plating
- ✓ Polyurethane Lagging



Rollers for:

- ✓ Bridle section
- ✓ Accumulators
- ✓ Skin-pass
- ✓ Steering units



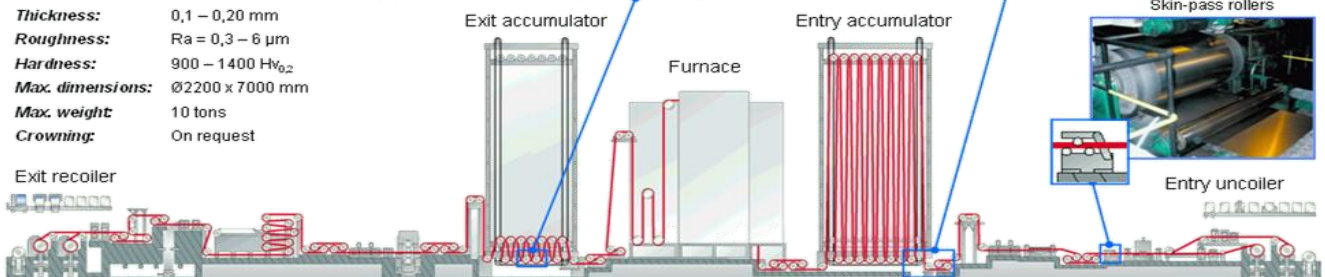
Entry uncoiler

Technical data

Coating materials: Tungsten-carbide / Cobalt
Tungsten-carbide / Cobalt / Chrome
Chrome-carbide / Nickel-Chrome

Thickness: 0,1 – 0,20 mm
Roughness: Ra = 0,3 – 6 µm
Hardness: 900 – 1400 Hv_{0,2}
Max. dimensions: Ø2200 x 7000 mm
Max. weight: 10 tons
Crowning: On request

Exit recoiler



Technical Characteristics		Condition:		Market:	
Combination: complex		New		Steel	
Resistance		Repair		X Offshore	
Chemical		X		Energy	
Wear		X		Other: X	
Thermal		X		Size: 1500 mm Ø	
Corrosion		X		X Weight: 3500 kg	
Other:		X		X Coating: HP-HVOF coatings	