

# The New Standard of Electric Arc Spraying

With these new, completely programmable arcspray power sources OSU-Hessler defines a new standard for thermal arc-spraying.

Till now arcspray equipments on the market were equipped with fixed invariable characteristics. The all new *advanced* power sources offer the possibility, to apply all current-/voltage modifications completely free, even during the spray process; the possibility to vary all spray parameters leads to completely new high quality layers (optimized adhesion and extremely fine layer structure) .

## The main advantages are:

- the with LCD Display equipped control panel makes this equipment very easy to use –
- all optimized spray parameters for most wires are already memorised –
- changing all spray parameters during the spray process is possible –
- finer layer structure even with less compressed air, this helps reducing the costs
- better adhesion –
- the new performance conception



does grant even with lowest voltage a constant arc and best melting behaviour –

- continuous safe spraying with extremely low capacity is possible –
- prepared spray programs can easily be copied, duplicated and transferred to other equipments.
- possibility to define separate spray parameters for start and stop of the spray process grants

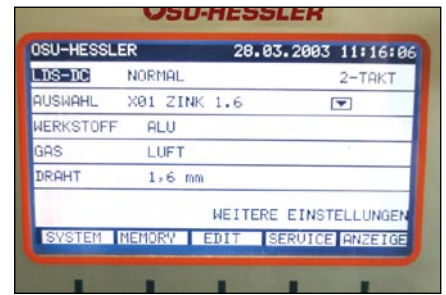
perfect layer structures –

- compatible and optimized for our reliable sprayheads type anti-COR, LD/U-2EM, LD/U-2HEM and Push-Pull –
- will also be the new standard for use in automated spray processes, with the integrated interfaces adaptation of spray parameters to every single production processes is no problem–

Additionally to the processing of solid standard wires we draw our attention especially to the processing of modern cored wires, they have - due to the powder filled metallic cover - a different melting behaviour. Also here the equipment will show the great advantages of the completely free programmable parameters .



The control panel of the new arc-spray power source with all input and control elements



A big clearly arranged LCD-Display shows all necessary spray parameters and settings

At the moment the new power sources are available in 250 A and 400 A execution. Short dated a 600 A equipment will follow.



**Dimensions & Weight:**

Length: 750 mm

Width: 610 mm

Height: without twin-reel wire stand: 915 mm

**Weight:**

250 A Power Source appr. 125 kg

400 A Power Source appr. 150 kg



Spraycoating of tubes with LD/U-2 handspray-pistol

Spraying of wind energy masts with antiCOR arcspray equipment

**If you are interested in a demonstration, or if you need further information materials, please do not hesitate to contact us.**

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