

build up metal with air...



DYMET®
Low Pressure Cold Spray





DYMET[®]

EQUIPMENT TECHNOLOGY



PORTABLE EQUIPMENT
FOR MANUAL
AND ROBOTIC OPERATION

DYMET 423

Power - 220 V, 3,3 kW;
Compressed air - 0,6-0,9 MPa;
Production rate - 5 g/min;
Weight - 19 kg

COATINGS

- aluminum, copper, zinc, nickel, tin, lead, babbite;
- high adhesion (30-100 Mpa);
- low porosity (1-5%);
- any coating thickness

ADVANTAGES

- no high temperature, no dangerous or flammable gases, no radiation, no chemically aggressive wastes;
- negligible heating of the treated part (unit surface temperature does not exceed 100-150°C);
- coating is deposited in air atmosphere under normal pressure;
- treatment of local surface areas within certain frames is possible;
- equipment provides jet-abrasive surface preparation

only
compressed air

PATENTED

Russia, USA, Europe, Eurasia, Canada, China, Australia, etc.

COMMERCIAL PROPOSAL

- supply of DYMET equipment and powder materials;
- dealer agreement on supply of equipment and powder materials;
- license agreement on manufacturing of DYMET

APPLICATIONS

- restoration of worn out and damaged parts;
- sealing of metal objects;
- deposition of electrically conductive coatings on electric connectors, on ceramic and glass;
- application of intermediate layers for soldering;
- deposition of antifriction layers, restoration of slide bearings, bearing beds;
- corrosion protection;
- prevention of blocking of threaded couplings;
- restoration of antique sculptures



InnovEco Australia
Authorised dealer

www.innoveco.com.au
contact@innoveco.com.au

NO

- high temperatures;
- oxidation of material;
- deformation of parts