

# Wintermann

## ***Why is it worth using modern, polyurethane and polyurea insulations?***

### ***Polyurethane coatings - the latest trend in insulation technology***

1. have the best insulating performance
2. guarantee tight seal
3. have breathable and non-breathable properties
4. are made to last
5. increase the value of the building for resale
6. strengthen the load-bearing structures and are self-extinguishing
7. have no joints (no thermal bridges)
8. are good insulation which generates big savings

### ***Polyurea coatings - replace tar felt, paints, adhesives***

1. excellent resistance to rough weather conditions
2. excellent mechanical properties and durability
3. resistance to biological and chemical contaminants
4. easy to keep clean
5. resistant to solar radiation



## Polyurethane spraying and injection system: Wintermann 200 Pro

Wintermann 200 Pro is a popular, state-of-the-art, inexpensive and compact spraying system for polyurethane foam. The system is equipped with lightweight heating hoses, recirculation system, a mini-transformer, and a small handy spray gun. Wintermann 200 Pro is an excellent alternative to larger, more expensive and heavier spraying machines and polyurethane injection systems.

Wintermann 200 Pro is designed for use in all applications which require minimum power consumption, low weight, and mobility of equipment. With the optional power switch, the machine can be powered not only from a three-phase grid connection, but also from single-phase connection or medium-sized power generator.

Despite its small size, the spray system can be used on a construction site and for insulating existing buildings (both for indoor and outdoor applications). Wintermann 200 Pro is manufactured and intended for use at small and medium-sized companies. It does not require an expensive screw compressor or a massive power generator. Attractive price, state-of-the-art design and low power consumption are the key strengths of Wintermann 200 Pro.

Despite its compact design, the machine successfully sprays the majority of commercially available closed and open-cell foams. The technical solutions used in Wintermann 200 Pro ensure easy spraying of polyurethane.

### Options:

- |  |   |   |
|--|---|---|
| - Wintermann XP3 spray gun                   | ● | ● |
| - Wintermann Raptor IV spray gun             | ● | ○ |
| - 3-phase power module (400 V)               | ● | ● |
| - 1-phase power module (230 V)               | ● | ○ |
| - Integrated heating hose                    | ● | ○ |
| - Professional heating hose                  | ○ | ● |
| - 200 recirculation system                   | ● | ○ |
| - Soft start system                          | ● | ● |
| - Polish manual                              | ● | ● |
| - Free training                              | ● | ● |
| - Twin piston compressor                     | ○ | ● |
| - Screw compressor                           | ● | ○ |
| - Injection nozzle for XP3 foaming gun       | ○ | ● |
| - Extended warranty                          | ● | ● |
| - Thermal imaging camera for work inspection | ○ | ○ |
| - Microprocessor volume counter              | ○ | ○ |
| - Set for mounting on a vehicle              | ○ | ○ |
| - Set of keys and basic spare parts          | ● | ● |
- - option missing  
 ● - option included

TBH Polska Sp. z o.o. is the exclusive distributor and service provider for the Wintermann brand in Europe. In accordance with our company policy, we offer a broad range of training as well as warranty and post-warranty service for the Wintermann brand in Europe.

Our company is a manufacturer of various CNC and spraying machines. The Wintermann Raptor IV Gun, recirculation and parking systems and other components are also designed and manufactured by us. We can design and manufacture equipment for special use or operating according to customer's design.

We provide the opportunity to lease or buy equipment on credit, as we cooperate with many renowned leasing companies.

### Selected applications:

- 1:1 dosing of liquid materials
- Polyurethane foaming
- Production of polyurethane products and membranes
- A specialist injection moulding machine
- Insulation of homes
- Insulation of cold storage facilities, livestock buildings, hangars
- Insulation of basements, screeds, granaries, silos
- Sealing roofs, spraying vehicle chassis
- Waterproofing and other work



Wintermann XP3 spray Gun

### Comprehensive offer:



We prepare light commercial vehicles for comprehensive spray services.

### Specifications:

- Dosing ratio 1:1 (option 1:X available only for Foam Tornado machines)
- Maximum efficiency: up to 8 kg/min (17.6 lb/min)
- Heating hose 15m included, max. 45 m (147ft)
- Hose for barrel pumps 2 x 3m included
- Barrel pumps included (2 pcs)
- Self-cleaning XP3 spray gun as standard equipment
- Optionally: Graveco Raptor IV spray gun
- Maximum heater heating capacity: 5.2 kW (2 x 2.6 kW)
- Maximum hose heating capacity: 2.5 kW
- Maximum material temperature: 80 °C
- Maximum pressure: 150 bar (15 Mpa)
- Power supply: 3-phase / 400V or (optionally) 1-phase / 230V
- Compatible with a power generator
- Weight: approx. 165kg net / 190kg (363lb net / 430lb)
- Air supply: 5 to 8 bar (0.8 MPa) ~ 1 m3 / min.
- CE certificate



Components for spraying

### Price information, offers:

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Wintermann Raptor IV Gun

- We issue a certificate of training by the authorized distributor  
 \* We reserve the right to update or change this technical specification  
 \*\* This folder is not an offer within the meaning of the law

Welcome, free advice backed by years of experience in the industry of numerically controlled devices.  
 We also supply some of the best chemical components in the world.