

Grinding & Welding Stations

Dust and fume extraction system | GPPH - Poland

This leaflet presents the available versions of the grinding / welding workstation and the matching extraction unit. Versions 1 to 3 are the same workstation in three levels of protection. Please select the version that meets your requirements.



Grinding-Welding Station - Base

SKU: 28_100X100_SOG_001_127X77 Weight: 167 kg

TECHNICAL DATA

- Construction material: powder-coated structural steel
- Working tabletop made of S355J2+N steel
- Tabletop thickness: 8 mm
- Hole system: Ø28 mm, grid 100x100 mm
- Tabletop dimensions: 1270 x 770 mm
- Load capacity: up to 500 kg of evenly distributed load
- Flatness tolerance: ≤ 1 mm across the entire tabletop surface
- Adapted for cooperation with the GPPH IQ Aero Clean extraction system
- Variant: base only, without guards

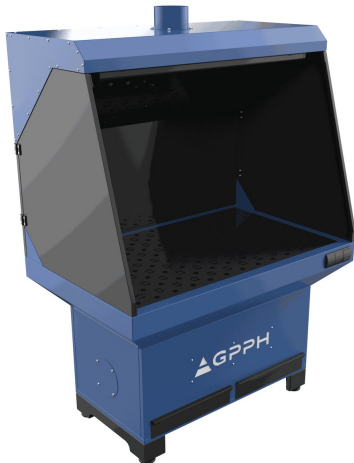


Grinding-Welding Station - Base with Guards

SKU: 28_100X100_SOG_002_127X77 Weight: 167 kg

TECHNICAL DATA

- Construction material: powder-coated structural steel
- Working tabletop made of S355J2+N steel
- Tabletop thickness: 8 mm
- Hole system: Ø28 mm, grid 100x100 mm
- Tabletop dimensions: 1270 x 770 mm
- Load capacity: up to 500 kg of evenly distributed load
- Flatness tolerance: ≤ 1 mm across the entire tabletop surface
- Adapted for cooperation with the GPPH IQ Aero Clean extraction system
- Shields: side and rear, made of steel sheet, protecting against sparks and metal splatter
- Variant: with side and rear steel shields



Grinding-Welding Station - Base with Top Exhaust

SKU: 28_100X100_SOG_003_127X77 Weight: 264 kg

TECHNICAL DATA

- Construction material: powder-coated structural steel
- Working tabletop made of S355J2+N steel
- Tabletop thickness: 8 mm
- Hole system: Ø28 mm, grid 100x100 mm
- Tabletop dimensions: 1270 x 770 mm
- Load capacity: up to 500 kg of evenly distributed load
- Flatness tolerance: ≤ 1 mm across the entire tabletop surface
- Adapted for cooperation with the GPPH IQ Aero Clean extraction system
- Shields: side and rear, made of steel sheet, protecting against sparks and metal splatter
- Lighting: LED fixture built into the upper part of the workstation, adapted for industrial working conditions
- Variant: with full enclosure, providing maximum safety and workstation isolation



Welding Fume Extraction - IQ Aero Clean Mobile 2.0

SKU: IQ_AERO_CLEAN_M_2 Weight: 200 kg

TECHNICAL DATA

- Version: mobile (on wheels)
- Equipment: two flexible extraction arms with precise positioning capability
- Operation: simultaneous work at two welding stations
- Airflow capacity: 3,000 m³/h
- Filtration: spark arrestor filter + 20 m² cartridge filter
- Filtration efficiency: 99.5% for particles $\geq 0.3 \mu\text{m}$
- Motor: 2.2 kW
- Power supply: 400 V
- Noise level: 60 dB (40% power), 80 dB (100% power)
- Additional systems: IQ Flow Control, pulse-jet, anti-dust system, vacuum gauge (filter contamination level control)
- Housing: powder-coated steel

One extraction unit serves two workstations.