

## Welding and Grinding Table



Welding and Grinding table installed at a Technical School in Belgium

An industrial working table with extraction possibilities, taking care of the pollutants before they reach the breathing zone.

The welding and grinding table is available in three dimensions and designed for extraction of dust and fumes during most welding and grinding operations. It can also be used in explosive environments, if grounded accordingly. The table is not suitable for cutting.

The working area consists of a grid with down draft function, taking care of the heavier particles. The back of the table is also equipped with a grid for back draft of fumes and lighter particles. During welding most of the smoke will be extracted backwards. The walls on each side of the working area are suspended by hinges and can be opened while working on long objects.

The table is equipped with suspension for the welding torch not in use.

Underneath the working area a dust drawer takes care of the heavy dust. The drawer can easily be emptied from the front of the table.

The duct connection for the external fan is located on top of the table and it is recommendable to use a filter device between the table and the fan. Suitable filters can be FilterBox, FilterMax C25 or the modular FilterMax models. The product can be connected in a system with other tables or other types of extraction devices for a flexible concept.

- ▶ Easy to install
- ▶ Sturdy industrial design
- ▶ Flexible in terms of installation possibilities
- ▶ Flexible extraction capacity
- ▶ Maintenance friendly



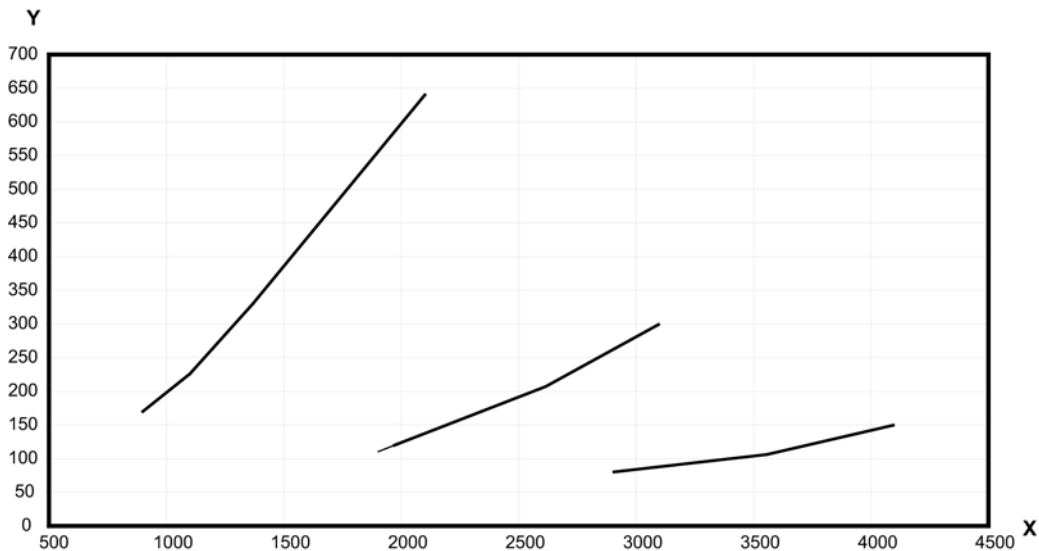
### Technical data

Description	Rec. airflows m <sup>3</sup> /h	Weight kg	Volume dust container litre	Working area m <sup>2</sup>	Max load on table kg	Part No
Welding/grinding table 900	1000-2000		64			10500133
Welding/grinding table 1350	2000-3000		96			10500233
Welding/grinding table 2000	3000-4000		143			10500333

The table is recommended for indoor installations and to be placed on a concrete foundation, where it can be safely secured with two bolts.

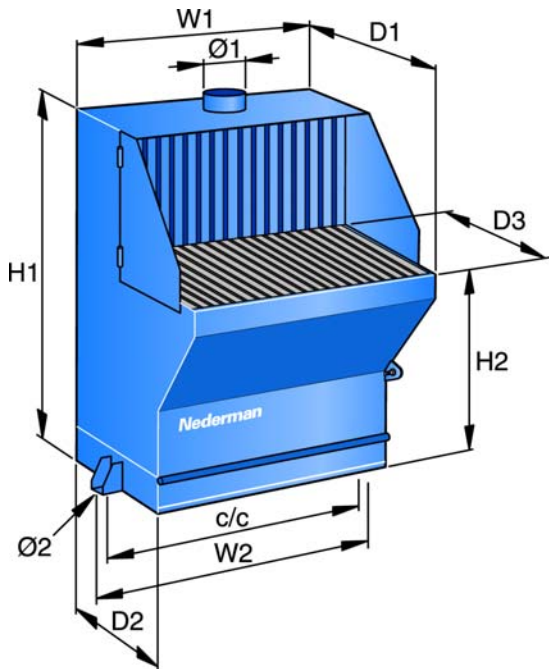
0,6m free space on each side of the table is required, so the gables can be opened properly.

### Pressure drop



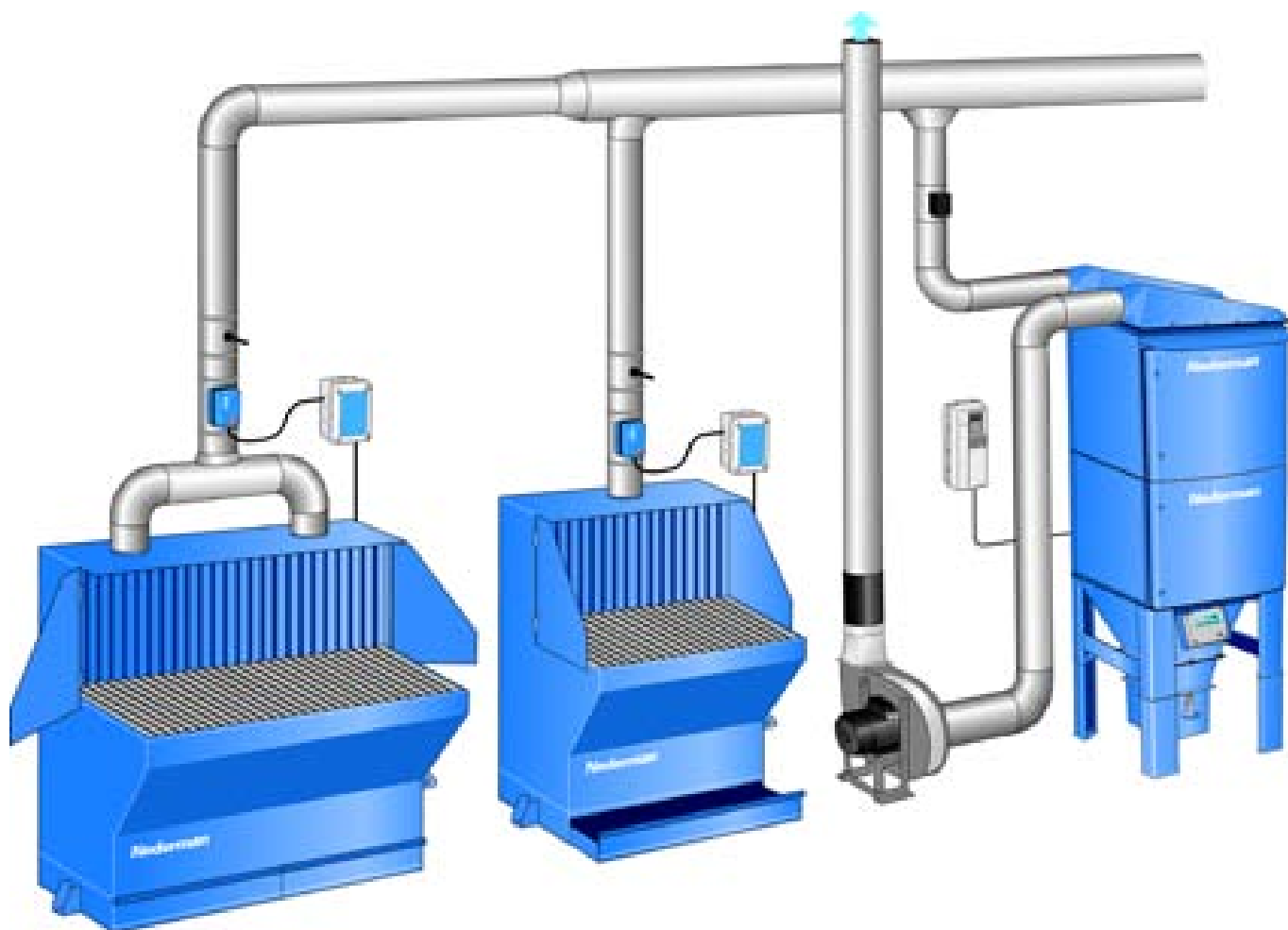
X: Airflow m<sup>3</sup>/h, Y: Static pressure (Pa), A=900 mm, B=1350 mm, C=2000 mm

### Dimensions



Description	W1	W2	D1	D2	D3	H1	H2	C/C	Ø1	Ø2	Weight	Part No
Welding/grinding table 900	900	1000	820	530	550	1450	850	970	160	12	175 kg	10500133
Welding/grinding table 1350	1355	1455	820	530	550	1450	850	1425	250	12	260 kg	1050233
										2x250		
Welding/grinding table 2000	2000	2100	820	530	550	1450	850	2070	C/C 990	12	360 kg	10500333

## Industrial application with other Nederman products



Two welding and grinding tables connected to a FilterMax DF 80 and an NCF central fan. The installation is controlled by a Fan Inverter. Each extraction point can be shut off by a motor damper.

**Material:** 2 mm painted sheet metal steel.  
**Surface treatment:** Epoxy powder painted.  
**Code:** RAL 5009

**Description**  
Recovery rate 100%