

Welding/Grinding Downdraft Tables  
for connection to a mobile or stationary extraction system

TableBox® Air

TableBox® Active

A 880 to A 2080

360°-Suction-Table

Plasma-cutting Table



#### ***Application Range***

- » Aircraft construction
- » Automobile industry
- » Machine building industry
- » Metal industry
- » Plastics industry
- » Shipbuilding industry
- » Stone Industry
- » Vehicle construction

Dust Extractors

High Vacuum  
Extraction Units

Welding Fume  
Filters

Oil Mist  
Separators

Carbon Filters/  
Air Purifier

**Downdraft  
Tables**

Extraction Fans

Extraction Arms

Filter Towers

Central Extraction  
Systems

Pipe Systems

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# Downdraft Tables

## Welding/Grinding Downdraft Table

### TableBox® Air / TableBox® Active



#### Areas of application

- » Single-place extraction in industry and trade
- » Suitable for welding fumes, free-flowing and dry dust

#### Optional

- » Lighting
- » Exhaust silencer



#### Ideal for

- Metal dust
- Welding fume
- Plastic shavings
- Fumes
- CRP-/GRP-dusts
- Smoke
- Mineral dusts
- Concrete dust
- Gaseous odors and pollutants
- Minor chemical loads
- ... and many more



TableBox® Air with support grid



Rear/side wall with LED-Lamp

#### Special Features

- » Stepless adjustment of the air volume flow
- » G4 pre-filter for a longer service life of the activated carbon cartridges
- » Operating hours counter

#### Your Benefits

- » Efficient process air collection
- » Mobile use and suitable for continuous operation
- » Compact and easy-to-handle design
- » Activated charcoal cartridges (type A) for good flow behavior and handling of the activated charcoal
- » A drawer enables simple and dust-free disposal of the collected material
- » Filter cartridge with dust class M
- » Quiet and energy-saving operation thanks to EC technology

Data depending on model version

#### Technical Data

		TableBox® Air	TableBox® Active
Max. volume flow	cfm	1.300	950
Intake opening	mm	140	140
Mains voltage	V	230	230
Nominal frequency	Hz	50/60	50/60
Nominal current	A	2,2	2,2
Circuit breaker	A	16	16
Nominal power	HP	0,51	0,51
Main filter surface	m²	13,57	1,2
Main filter quantity	Piece	3	1 (G4 Prefilter)
Activated carbon volume	l	–	24
Activated carbon cartridges	Quantity	–	6
Dimensions (L/W/H)	mm	692 × 681 × 1.009	692 × 681 × 1.009
Weight	kg (ca.)	110	105
Sound pressure level	dB(A)	60.5* (69,9)	60.5* (68,5)
<b>Order Number</b>		<b>55507</b>	<b>55508</b>

\* With optional sound insulation package

## Welding/Grinding Downdraft Tables *Series A*



Worktable  
for welding and grinding

### Application Range

- » For connection to ventilator or extraction system
- » Working table for welding, grinding, deburring of all types of metals
- » Also suitable for other applications (e.g. plastics processing, gluing processes)



### Ideal for

- Metal dust
- Welding fume
- Plastic shavings
- Fumes
- CRP-/GRP-dusts
- Stone dust

... and many more



Welding table  
with side panels and back wall



Integrated coarse dirt collecting drawer



Side panel swung back  
for larger work pieces

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### Special Features

- » Galvanized grid
- » Height adjustable ( $\pm 100$  mm)
- » Drawer for coarse dirt
- » Variable connection piece (right or left)

### Your Benefits

- » Extraction directly at the workstation
- » Compact solution
- » Plenty of knee and leg room
- » A stable steel plate housing
- » For variable use
- » Easy disposal of coarse dirt

Data depending on model version



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Downdraft  
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# Downdraft Tables

## Welding/Grinding Downdraft Tables

### Series A



#### Special Versions/Accessories

- » Side panels
- » Rear wall extraction
- » Lid for optimal airflow
- » Lighting installed in the cover
- » Mobile unit on casters
- » Version with steel T-grate, fiberglass or wood slat grate
- » Customer specific dimensions available
- » Rotary disk for placement on grate
- » Reinforcement plate for fastening a vice



#### Technical Data

Welding and Grinding Table without extraction fan		A 880	A 1280	A 1680	A 2080
Working surface (L/W)	mm	800 x 700	1.200 x 700	1.600 x 700	2.000 x 700
Intake diameter	mm	160	160	200	200
Dimensions (L/W/H) (Standard-Model)	mm	880 x 840 x 800	1.280 x 840 x 800	1.680 x 840 x 800	2.080 x 840 x 800
Dimensions (L/W/H) (with side panels/ back wall extraction)	mm	880 x 840 x 1.600	1.280 x 840 x 1.600	1.680 x 840 x 1.600	2.080 x 840 x 1.600
Order Number					
Standard		44.010	44.020	44.030	44.040
with side panels		44.011	44.021	44.031	44.041
with side panels and back wall extraction		44.012	44.022	44.032	44.042



## Welding and grinding tables *360°-suction table*



### Areas of application

- » For connection to a fan or extraction system
- » For grinding, welding and deburring of metal parts
- » Can be used for further applications



### Ideal for

- Metal dust
- Welding fume
- Chipped plastics
- Fumes
- CFK-/GFK dust
- Mineral dust
- Concrete dust
- ... and many more

### Special version / accessories

- » Lighting
- » Individual pedestal
- » Optimum, infinitely variable electrical height adjustment
- » ATEX compliant
- » Hood
- » Unit support



Suction nozzle in front area

### Special features

- » Workpiece accessible from all sides (360°)
- » Maximum workpiece width: 900 mm (with closed walls)
- » Height adjustment: 980 to 1,180 mm
- » Requires approx. 2,500 m³/h air volume
- » Suction nozzle in front area
- » Adjustable end stop
- » Vice
- » Foldable side panelling

### Benefits for you

- » More efficiency when machining workpieces
- » Time saving due to fewer transformer steps and process shortening due to shorter cycle times
- » Highest levels of ergonomics for employees
- » Less contamination of the workplace
- » Optimised occupational health and safety

Data depending on model version

### Standard-Extraction table



1<sup>st</sup> clamping



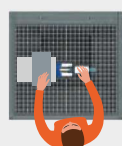
2<sup>nd</sup> clamping



3<sup>rd</sup> clamping



4<sup>th</sup> clamping



### 360°-Extraction table



**Only clamp once!**



### Technical data

360°-suction table		
Connection diameter	mm	250
Dimensions (W/H/D) without hood	mm	1,000 × 1,140 × 970
Dimensions (W/H/D) with hood	mm	1,000 × 1,400 × 970
Weight	kg	160
Order No.		44050

# Downdraft Tables

## Welding and grinding tables *Plasma-cutting Table*



### Area of use

- » Cutting table with water tanks for cutting and plasma cutting processes



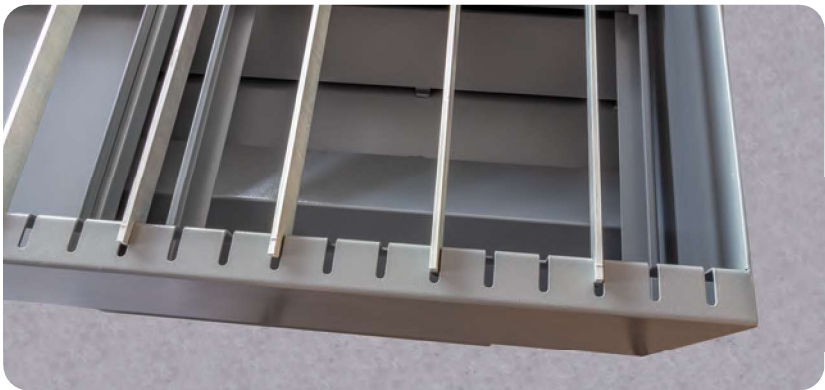
### Ideal for

All mechanical and thermal separation and cutting processes

... and many more

### Special design

- » Special enamel



Flat iron support and water trays

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### Special features

- » Water tanks as material and spark pre-separators
- » Multiple deflection of the airflow to reduce the risk of flying sparks
- » Flat iron support and water trays easy to remove
- » Inspection opening for cleaning the inner housing

### Benefits for you

- » Extraction directly at the workplace
- » Compact solution
- » Protection against harmful particles and smoke that occur during thermal separation
- » Easy disposal of coarse dirt and sludge slag via the water troughs

Data depending on model version

### Technical data

Plasma-cutting table		
Work surface (L/D)	mm	1,100 × 1,100
Working height min./max.	mm	880 / 950
Connection diameter	mm	200
Dimensions (L/W/H)	mm	1,104 × 1,100 × 900
Weight	kg	135
Allowed loading weight of consolidated cargo	kg	200
Order No.		30013805