

## Fladder® 250/AIR

FLADDER® 250/AIR is an air-driven two-hand held unit.

The special design, combining aluminium and plastic, makes the unit a very light machine.

It is particularly useful for processing the edges on stacked items and for large surfaces, such as doors, furniture parts and metal surfaces.

The air motor is integrated into the spindle, resulting in a compact design which makes the machine very comfortable to work with.

The machine is mounted with a lock-it™ spindle, that centers the tools better resulting in a significant reduction of vibrations.

### Technical specifications

| 250/Air                    |               |
|----------------------------|---------------|
| Air Pressure               | Max. 10 bar   |
| Air consumption            | 600 l/min     |
| lock-it™ spindle           | Ø100 x 130 mm |
| Abrasive Cylinder *)       | 250/100 mm    |
| Abrasive Cylinder, length  | 130 mm        |
| Weight incl. Abrasive Cyl. | 2,5 kg        |

\*) Abrasive Cylinders can be combined with different grit sizes and various density of the abrasives.

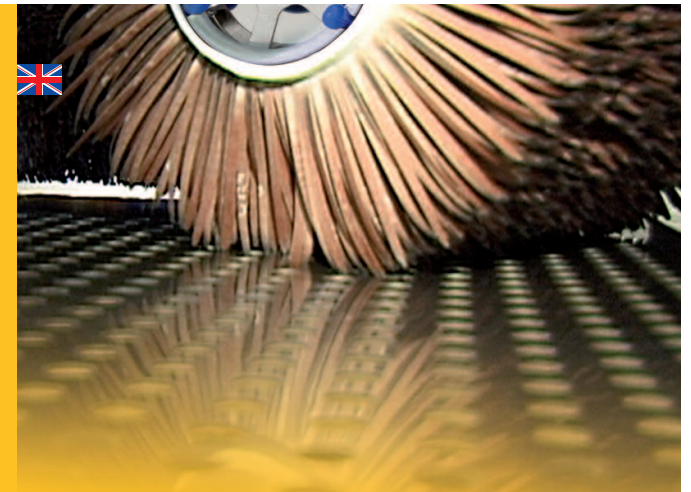
#### Manufacturer:

Fladder Danmark A/S is established by Hansen & Hundebøl who in the 1970's started a development centre designing unique methods and finishing machines for the wood and metal industry.

Today FLADDER® is a known and acknowledged trade mark of high quality.

Fladder Danmark A/S has also developed, patented, and produced the lock-it™ spindles as a natural consequence of the company's continued development of quality products and machines for industry.

The target is designing, producing, and marketing efficient machines and tools able to meet specific work processes in an effective and reliable way



# Fladder®

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# Fladder®

manual machines and  
accessories for flexible  
deburring and sanding



## Fladder® 150/MICRO

FLADDER® 150/MICRO is a lightweight, air-driven hand held unit.

The unit's low weight and small dimensions allow FLADDER® 150/MICRO to get into most corners, angles and profiles.

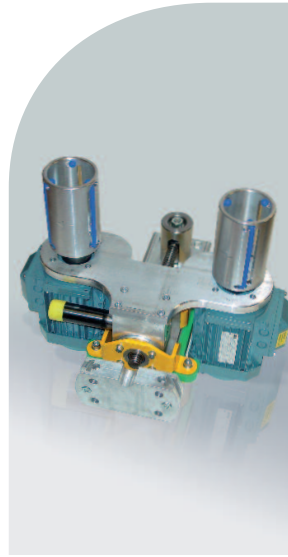
The machine is equipped with a powerful motor which offers high levels of performance.

The machine is mounted with a lock-it™ spindle, that centers the tools better resulting in a significant reduction of vibrations.



### Technical specifications

|                            | 150/MICRO          |
|----------------------------|--------------------|
| Air Pressure               | Max. 10 bar        |
| Air consumption            | 300 l/min          |
| lock-it™ spindle           | Ø50 x 85 mm        |
| Abrasive Cylinder          | 150/50 x 7 or 9 mm |
| Abrasive Cylinder, length  | 85 mm              |
| Weight incl. Abrasive Cyl. | 900 g              |



## Fladder® MODUL

The FLADDER® modul is equipped with 2 motors with counter rotating spindles – mounted on an alu plate.

The modul also includes an air driven guide console for positioning the abrasives.

The modul is a very suitable unit to be built into existing or new machines.

The modul is mounted with 2 lock-it™ spindles, that center the tools better resulting in a significant reduction of vibrations.

### Technical specifications

|                     | MODUL 150           | MODUL 300           | Concentric MODUL    |
|---------------------|---------------------|---------------------|---------------------|
| Motor               | 2 x 0,75 kW         | 2 x 1,5 kW          | 1,5 kW              |
| Voltage             | 3 x 400V<br>50-60Hz | 3 x 400V<br>50-60Hz | 3 x 400V<br>50-60Hz |
| lock-it™ spindle    | 2 x Ø100 x 150 mm   | 2 x Ø100 x 300 mm   | Ø200 x 200 mm       |
| Abrasive Cylinder*) | Ø250 – Ø300 mm      | Ø250 – Ø300 mm      | Ø400 mm             |
| Weight              | 54 kg               | 59 kg               | 60 kg               |

\*) Abrasive Cylinders can be combined with different grit sizes and various density of the abrasives.



## Fladder® Concentric MODUL

The concentric MODUL consists of a motor that, by means of an integrated planetary gear, provides a rotating, concentric movement of the abrasive tools.

This solution eliminates the need of transferring power via movable parts.



## Fladder® 300/GS

FLADDER® 300/GS consists of a stand with a table top on which is mounted a motor with a 300 mm "free-standing" lock-it™ spindle for easy change of tools.

The table can be infinitely adjusted between horizontal and vertical position for optimum working position.

FLADDER® 300/GS is particularly suitable for small hand held items.

As option the unit can be delivered with a frequency inverter for infinitely adjustment of the tool speed.

### Technical specifications

|                     | 300/GS              | MO.SP 150           | MO.SP 300           |
|---------------------|---------------------|---------------------|---------------------|
| Motor               | 1,5 kW              | 0,75 kW             | 1,5 kW              |
| Voltage             | 3 x 400V<br>50-60Hz | 3 x 400V<br>50-60Hz | 3 x 400V<br>50-60Hz |
| lock-it™ spindle    | Ø100 x 300 mm       | Ø100 x 150 mm       | Ø100 x 300 mm       |
| Abrasive Cylinder*) | Ø250 – Ø300 mm      | Ø250 – Ø300 mm      | Ø250 – Ø300 mm      |
| Weight              | 45 kg               | 12,5 kg             | 15 kg               |

\*) Abrasive Cylinders can be combined with different grit sizes and various density of the abrasives.



## Fladder® MO.SP

FLADDER® MO.SP are motors in different sizes mounted with a lock-it™ spindle in 150 or 300 mm length.

Spindles are also available for mounting on your own motors.