

# Substitute guide for small angle grinder



WE LOVE LIFE,  
WE PROTECT IT.

This guide is a tool for supporting decision-making to choose the most suitable power tool according to the task to be carried out.

It helps to choose the machine taking into account :

- ✓ **Requirements defined by our Health & Safety policy**
- ✓ **Quality requirements**
- ✓ **Constraints linked to the work environment (restricted space, precise cut, finishing....)**

Each tool has been tested and approved on site by the workers and technicians.

If you have any questions, contact you representative of the steering committee.




## Objectives of this guide



# Cutting work

	Autonomous portable Plasma Hypertherm Powermax30 Air	Metal circular Saw Makita DCS553RMJ	Metal stationary saw Makita LC1230	Multimaster 700 Fein	Cutting rods Makita DSC250RT or ATDV GR20	EXACT Pipe cut Saw (several references regarding the need)	Jig saw (Hilti WSJ850-ET or Makita DJV182RTJ)	Gauge Nibbler ABLK 18 1.6 E select+ or BLK 5	Metal screwdriver Fein ASCM18	Cordless Grinder 230 Makita DGA900PT4	Cutting bandsaw Makita DPB181RME or DPB180RME	Hacksaw Fein AStxe 649-1
Technical data & videos page:	9	10	11	12	13	14	15	16	17	18	19	26
Straight cut or complex-shaped cut on steel plates or sheet metal	✓			✓			✓	✓				
Opening in ducts or in cable-trays	✓			✓			✓	✓	✓			
Threaded rod		✓	✓	✓	✓						✓	
All sort of scrap, pre-stressed wire, duckboard	✓	✓	✓							✓		
Steel/stainless steel /aluminum pipes , angle iron, square tubes, etc....	✓	✓	✓	✓						✓	✓	✓
Ducts and pipes cutting	✓					✓						✓
PVC pipes, all diameters				✓		✓	✓					

## Keys:

-  Tool adapted to the need
-  For occasional use
-  The task is performed by combination of 2 tools




# Choose the suitable tool



# In situ cuts 1/2

	Autonomous portable Plasma Hypertherm Powermax30 Air	Metal circular Saw Makita DCS553RMJ	Multimaster 700 Fein	Rebar slitters Makita DSC250RT or ATDV GR20	Gauge Nibbler ABLK 18 1.6 E select+ or BLK 5	Cordless Grinder 230 Makita DGA900PT4	Cutting bandsaw Makita DPB181RME or DPB180RM	Hacksaw Fein ASbx 649-1
Technical data & videos page:	9	10	12	13	16	18	19	26
Steel with a diameter more than 20mm Offset arm or existing guardrails for renovation	✓	✓				✓	✓	
Metal frame with blocked bindings	✓					✓		
Bolts/ Threaded rod and locksmith work			✓	✓		✓		
Prestressed cables, duckboard	✓	✓		✓		✓		
Protection of cable tray and Cablofil	✓	✓		✓				
Cable trays, Cablofil, Marine deck or metal sheets		✓				✓		
Hangers and wire console in height	✓				✓	✓		
Rails	✓	✓			✓		✓	
Steel/stainless steel /aluminum pipes (cylindrical shape up to 60mm or square shape up to 30 mm-thickness 2 to 3 mm	✓	✓				✓	✓	

## Keys:

-  Tool adapted to the need
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# Choose the suitable tool



# In situ cuts 2/2

	Autonomous portable Plasma Hypertherm Powermax30 Air	Metal circular Saw Makita DCS553RMJ	Metal stationary saw Makita LC1230	Multimaster 700 Fein	Rebar slitters Makita DSC250RT or ATDV GR20	Gauge Nibbler ABLK 18 1.6 E select+	Gauge Nibbler BLK 5	Metal screwdriver Fein ASCM18	Cordless Grinder 230 Makita DGA900PT4	Cutting bandsaw Makita DPB181RME or DPB180RM	Die grinder FEIN AGSZ18-280 LBL
Technical data & videos page:	9	10	11	12	13	16	16	17	14	19	20
Laying of candelabra/mast	✓						✓		✓		
Tiles (nonlinear cutting)				✓							✓
Cable trays (full contact with sleeve, overlapped or staggered)						✓		✓			
Plastic cable ducts, PVC or fiberglass				✓							
Opening in ducts or in cable-trays	✓					✓		✓			
Removing supports for overhead systems (on façade or roof)	✓								✓		
Threaded rod up to 12 mm (except if close to the edge)		✓		✓	✓						
Cutting work in vans or platforms (threaded rod, rails, screws,..) Depending on the material:		✓	✓	✓	✓					✓	

## Keys:

-  Tool adapted to the need
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# Choose the suitable tool



# Cutting in limited space

	<b>Autonomous portable Plasma Hypertherm Powermax30 Air</b>	<b>Metal circular Saw Makita DCS553RMJ</b>	<b>Rebar slitters Makita DSC250RT or ATDV GR20</b>	<b>Multimaster 700 Fein</b>	<b>Gauge Nibbler ABLK 18 1.6 E select+</b>	<b>Metal screwdriver Fein ASCM18</b>
Technical data & videos page:	9	10	13	12	16	17
Existing cable trays (create opening or modification, overlapped cable trays)					✓	✓
Risers (cupboards and suspended ceiling)	✓	✓				
Metal parts on cabinets	✓			✓		
Copper pipes in situ (hoppers, occupied sites)		✓	✓	✓		
Cuts of metallic items up to 16mm	✓					

## Keys:

-  Tool adapted to the need
-  For occasional use
-  The task is performed by combination of 2 tools




# Choose the suitable tool



# Grinding and trimming works

	<b>Notch grinding unit GRIT GRX + deburring machine GIE</b>	<b>Beveler Fein AKFH 18-5 (Several references regarding the need</b>	<b>Die grinder FEIN AGSZ18- 280 LBL</b>	<b>Belt file Fein BF 10-280 E</b>	<b>Tube sander Fein RS 12-70E</b>
<b>Technical data &amp; videos page:</b>	23	22	20	21	24
Bleaching of tubes, pipe elbows, ... before welding Preparing steel, striping before welding			✓	✓	✓
Chamfering of the parts to be welded (for large parts)		✓	✓	✓	
Chamfering on steel or inox pipes		✓	✓	✓	
Deburring (metal flow after cutting)			✓	✓	
Trimming, chamfering (pipe elbows, fittings)			✓	✓	
Grinding of weld bead and welding points			✓	✓	
Grinding to eliminate potential defects (inclusions, blows...)			✓	✓	
Grinding to eliminate potential defects (inclusions, blows...)			✓	✓	✓
Stainless steel welding brushing			✓	✓	✓
Cleaning of welds with brushing			✓	✓	✓
Tapping in tubes	✓				

## Keys:

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-  The task is performed by combination of 2 tools




# Choose the suitable tool



## Other tasks

Cutting steel trapping	<b>Strip clamp</b>	27
Concrete chaser	<b>Wall chaser SPIT D90</b>	25

### Keys:

-  Tool adapted to the need
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# Choose the suitable tool





**NEW!**

# Autonomous Portable Plasma Hypertherm Powermax30 Air



Cutting capacity :  
8 mm (500mm/min) - recommended  
10 mm (250mm/min)- recommended  
16 mm (125 mm/min)- Maximum  
Built in air compressor  
Weight with torch: 13,5 kg  
Weight torch + beam: 1,1 kg  
Pablo code: **EL101361**

**Steel**  
**Cablofil**  
**Air ducts**  
**Flat iron**  
**Rails**  
**Cable trays**  
**All conductive**  
**materials**



[Demonstration video link](#)



# Metal circular saw Makita DCS553RMJ



Cordless : 18V – 5Ah  
Specific for metal cut  
Cold cut without sparkle and less burr  
Cutting depth up to 57,5 mm  
No load speed. 3900 tr/min  
2,9 kg  
Pablo Code: **EL020170**

**Steel**  
**Cablofil**  
**Flat iron**  
**Cable trays**  
**Rails**



[Demonstration video link](#)



# Metal stationary saw Makita LC1230



1750W

Cutting capacity (steel pipe): 115mm

No load speed 2700 tr/min

Blade : Ø305 mm

Cold cut without sparkle and less burr

19,3 kg

Code Pablo : **EL017141**

**Steel bar**  
**Steel angle**  
**Flat iron**  
**Threaded rod**  
**Stainless steel  
tube**



**Mandatory to attach to the  
workbench**

[Demonstration video link](#)



**NEW!**  
MORE APPLICATIONS

## Multimaster 700 FEIN



Oscillating multi- tools (Corded or cordless 18v)

Tool change Quick-In

Many applications

Weight with batterie : 1,6 kg

Pablo Code : **EL104643**- cordless

Pablo Code : **EL104644**- corded

**Bolts,  
Cables,  
PVC,  
Copper  
Threaded rod  
Faïence,  
Air duct,  
Carpeting  
Wood**



[Demonstration video link](#)



# Rebar slitters

## Makita DSC250RT

### ATDV GR20



Cut rods and threaded rod  
Cold cut without sparkle and less burr  
Flush cut 3 mm

**GR20:** (3,5 kg)

Corded tool: cuts up to 20 mm. Need to adjust the setting regarding the diameter

Code Pablo : **EL008528**



**MAKITA:** (4kg)

Cordless tool: cuts up to 25 mm, without adjustment.

Better hold of the tool, speed in cutting

Pablo code : **EL018578**



[Demonstration video link](#)





# Exact Pipe CUT Saw (Several references regarding the need)



For the 400 reference :  
1010W

Pipe diameter : 100-400 mm

No load speed 4000 tr/min

Blade Ø148/150mm

For cut and beaver (plastic only) pipes  
6 kg

To order from **DISTIMO**

Pablo Code : **EL009771**- reference 400



[Demonstration video link](#)



**NEW!**

# Jig saw

For cutting several materials:  
Wood composites and wood  
Metal and metal alloy, plastics



Corded reference HILTI WSJ850-ET  
Stroke rate: 3000 cps/mn, stroke length: 28 mm  
2,7 kg  
Code PABLO: **EL005423**



Cordless reference MAKITA DJV182 RTJ  
18V/5Ah  
Stroke rate : 800 à 3500 cps/mn, stroke length : 26 mm  
2,6 kg  
Code PABLO: **EL018419**

**Metal sheet  
Steel angle  
Cutting of  
complex  
shapes**



[Demonstration video link](#)



# Gauge Nibbler Fein ABLK 18 1.6 E Select et BLK 5

Allows any shape of cutting; cutting width 5 mm  
Steel up to : 400 N/mm<sup>2</sup> : 1,6 mm, 600 N/mm<sup>2</sup> : 1,0 mm,  
800 N/mm<sup>2</sup> : 0,7 mm  
Battery 18V - 1,6 kg without battery  
Pablo code : **EL020169**

FEIN SELECT<sup>+</sup>



Allows any shape of cutting; cutting width 8 mm  
Steel up to : 400 N/mm<sup>2</sup> 5 mm, 600 N/mm<sup>2</sup> 3,3 mm,  
800 N/mm<sup>2</sup> 2,5 mm  
Corded 220V 1200W  
Pablo code : **EL020168**

**Cutting up to  
5 mm**



**Opening air duct,  
cable tray in situ  
(with the metal  
screwdriver p17)**



[Demonstration video link](#)





# Metal screwdriver Fein ASCM 18



Cordless drill/driver

Battery 18 V

Capacity in steel : 25mm

Capacity in wood : 50mm

Tapping : M12

2,2 kg (with battery)

Pablo code : **EL020172**

**Opening air duct,  
cable tray in situ  
(with the gauge  
nibbler p16)**



[Demonstration video link](#)



# Cordless grinder 230 Makita DGA900PT4



2\*18 V – 5Ah

Ø230 mm

Protective casing (grinding and slashing)

Maximum depth: 60 mm

5,2 kg (With battery)

Pablo code : **EL020165**

*Advantage: balanced design, weight optimized → high maneuverability*

**Flush cut  
Cutting  
square tube,  
Grinding**



[Demonstration video link](#)



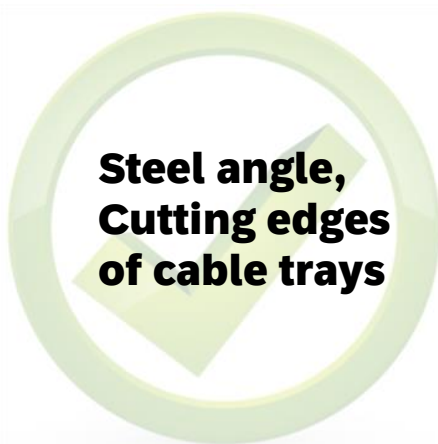
# Cutting bandsaw Makita DPB180 RME & DPB 181 RME



Cordless 18 V – 4 Ah  
Cutting capacity (steel pipe) 64 mm  
Maximum band speed : 192 rpm  
3,2 kg  
Pablo Code : **EL020171**



Cordless 18 V – 4 Ah  
Cutting capacity (steel pipe) 120 mm  
Maximum band speed : 84 à 162 rpm  
6,4 kg  
Pablo Code : **EL017248**



[Demonstration video link](#)



**NEW!**  
MORE APPLICATIONS

## Die grinder Fein AGSZ 18-280 LBL



Cordless 18V  
Cutting, sanding, deburring  
Grinding wheel for max.  $\varnothing$  50mm  
Integrated LED lamps  
2,3 kg (with battery)  
Pablo Code : **EL020167**

**Bleaching and  
chamfering of tubes,  
Cutting tiles (non-  
linear)  
Grinding weld in  
restricted area,  
grinding**



**Choose matching accessories  
regarding the material and the task**

[Demonstration video link](#)



**NEW!**  
MORE APPLICATIONS

## Belt file Fein BF 10-280 E set



Belt file for corners and edges in stainless steel processing

For belts : 3, 6 or 20 mm

800 W

2,1 kg

Pablo code : **EL020162**

**Bleaching and chamfering large parts to be welded**  
**Grinding of welding**  
**Brushing of modifications**



**Choose matching accessories regarding the material and the task**

[Demonstration video link](#)





**NEW!**

## **Beveller Fein AKFH 18-5 (Several references regarding the need)**



Cordless battery 18V  
Max. bevel length at 45°: 5 mm  
Max. bevel height at 45°: 3,5 mm  
Support plate diameter: 98 mm  
2,4 kg (without battery)  
To order from **DISTRIMO**

**Bevels and radii on flat materials, sheet metals and containers, of inner and outer edges, contour shapes and for rounding off holes.**



[Demonstration video link](#)



**NEW!**  
MORE APPLICATIONS

## Notch grinding unit GRIT GRX + deburring machine GLE



For accurately grinding out radii (with a diameter of 20 to 193.7 mm) on pipes and profiles. Highly effective deburring machine for industrial deburring in series  
To order from DISTRIMO, modules and options to choose

**Grinding out radii on pipe**



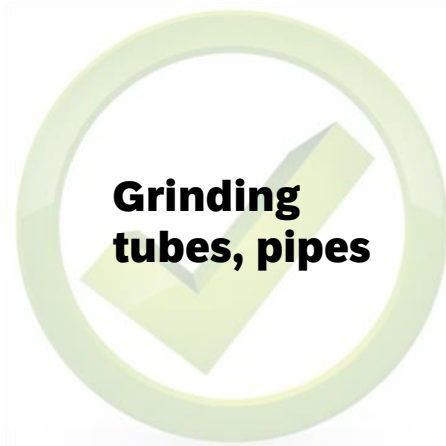
[Demonstration video link](#)



# Tube sander Fein RS-12-70 E



Grinding of weld seams  
Diameter 8 to 80 mm  
1200 W  
3,8 kg  
Pablo Code : **EL020161**



[Demonstration video link](#)





**NEW!**

## Wall chaser SPIT D90



Cutting width 7 to 47 mm,  
dust exhaust  
2500W  
6,5 kg  
Pablo code: **EL007754**



[Demonstration video link](#)



**NEW!**  
MORE APPLICATIONS

# Hacksaw Fein AStxe 649-1



Hacksaw for pipe up to 440 mm  
And profiled section

750 W

6,4 kg

To order from **DISTIMO**

Pablo Code : **EL104648**

**Steel pipes ,  
cast iron  
pipes,  
Stainless  
pipes, Steel  
angle.**



[Demonstration video link](#)



# Strip clamp

Pablo code: **IN000898**



[Demonstration video link](#)

