



## PRODUCT GUIDE

2017 EDITION 2

[www.excision.com.au](http://www.excision.com.au)

**Excision<sup>®</sup>**

Dependable Precision



# Excision – a supplier of premium quality industrial equipment across Australia and beyond.

*“Dependable Precision is at the heart and the foundation of everything we do.”*

We are a manufacturer and wholesaler of industrial products and consumables such as magnetic based drills, bandsaw blades, coldsaw blades, coolants and more.

Whether you are looking to buy anything from hacksaw blades to air filtration you can rely on Excision to supply you with the best equipment at an economical price.

With Excision being in the industry for over 20 years, we have proved that high quality products give high performance. Quality machinery and consumables translate into more cost effective operations. When you deal with us, you will receive the expert technical support and industrial knowledge to maximise your output.

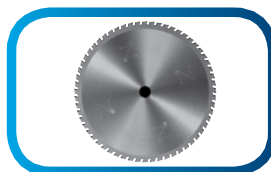
Our goal is to always provide you with quality, range and value for money – and our standards are high. We offer extensive warranties with a full back-up service, expert advice, training and sales support. Excision is a fully Australian-owned and operated company.



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**Australiasia's  
No. 1**

# **Metal Cutting Solution Provider**

**Order a trial performance  
blade NOW to experience  
the difference**

**Satisfaction Guaranteed or Full Purchase Price refunded**





# EXCISION Bandsaw Blades

- ◉ Premium HSS cutting tips for optimal performance
- ◉ 100% weld guarantee
- ◉ Wide range available for every application
- ◉ Supplied with safety protection strip on teeth



**Outstanding  
Performance,  
Quality &  
Consistency**



## Premium Quality Bimetal

### Bi-Alfa Cobalt M42

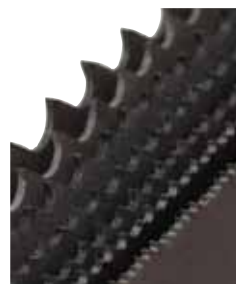


Premium M42 cutting tips, ideal for general machining of steel up to tensile strength of 44HRC

Size & Tooth Pitch	Part Number
6 X 0.6 X 6	62006006-___
6 X 0.9 X 6	620069006-___
6 X 0.9 X 10	620069010-___
6 X 0.9 X 14	620069014-___
6 X 0.6 X 10/14	62006114-___
6 X 0.9 X 10/14	620069114-___
10 X 0.6 X 6	62010006-___
10 X 0.6 X 10/14	62010114-___
10 X 0.9 X 4	620109004-___
10 X 0.9 X 6	620109006-___
10 X 0.9 X 8	620109008-___
10 X 0.9 X 10	620109010-___
10 X 0.9 X 14	620109014-___
10 X 0.9 X 10/14	620109114-___
13 X 0.5 X 14	620135014-___
13 X 0.5 X 18	620135018-___
13 X 0.5 X 24	620135024-___
13 X 0.6 X 3	62013003-___
13 X 0.6 X 4	62013004-___
13 X 0.6 X 6	62013006-___
13 X 0.6 X 10	62013010-___
13 X 0.6 X 14	62013014-___
13 X 0.6 X 18	62013018-___
13 X 0.6 X 24	62013024-___
13 X 0.6 X 6/10	62013610-___
13 X 0.6 X 8/12	62013812-___
13 X 0.6 X 10/14	62013114-___
13 X 0.9 X 3	620139003-___
13 X 0.9 X 4	620139004-___
13 X 0.9 X 6	620139006-___
13 X 0.9 X 8	620139008-___
13 X 0.9 X 10	620139010-___
13 X 0.9 X 14	620139014-___
13 X 0.9 X 10/14	620139114-___
20 X 0.9 X 14	62020014-___
20 X 0.9 X 18	62020018-___
20 X 0.9 X 4/6	62020406-___
20 X 0.9 X 5/8	62020508-___
20 X 0.9 X 6/10	62020610-___
20 X 0.9 X 8/12	62020812-___
20 X 0.9 X 10/14	62020114-___

Size & Tooth Pitch	Part Number
27 X 0.9 X 2	62027002-___
27 X 0.9 X 2 WS	62127002-___
27 X 0.9 X 10	62027010-___
27 X 0.9 X 14	62027014-___
27 X 0.9 X 18	62027018-___
27 X 0.9 X 2/3	62027203-___
27 X 0.9 X 3/4	62027304-___
27 X 0.9 X 4/5	62027405-___
27 X 0.9 X 4/6	62027406-___
27 X 0.9 X 5/8	62027508-___
27 X 0.9 X 6/10	62027610-___
27 X 0.9 X 8/12	62027812-___
27 X 0.9 X 10/14	62027114-___
34 X 1.1 X 1.25	62034125-___
34 X 1.1 X 2/3	62034203-___
34 X 1.1 X 2/3 WS	62134203-___
34 X 1.1 X 3/4	62034304-___
34 X 1.1 X 3/4 WS	62134304-___
34 X 1.1 X 4/5	62034405-___
34 X 1.1 X 4/6	62034406-___
34 X 1.1 X 4/6 WS	62134406-___
34 X 1.1 X 5/8	62034508-___
34 X 1.1 X 6/10	62034610-___
34 X 1.1 X 8/12	62034812-___
41 X 1.3 X 1.25	62041125-___
41 X 1.3 X 1.5/2	62041152-___
41 X 1.3 X 2/3	62041203-___
41 X 1.3 X 2/3 WS	62141203-___
41 X 1.3 X 3/4	62041304-___
41 X 1.3 X 3/4 WS	62141304-___
41 X 1.3 X 4/5	62041405-___
41 X 1.3 X 4/6	62041406-___
41 X 1.3 X 4/6 WS	62141406-___
41 X 1.3 X 5/8	62041508-___
41 X 1.3 X 6/10	62041610-___

\* For example blade  
length of 8230mm  
of 34 X 1.1 X 5/8 Part  
No. would be  
62034508-8230



## Premium Quality Bimetal

### Bi-Alfa Cobalt M42



Premium M42 cutting tips, ideal for general machining of steel up to tensile strength of 44HRC

Size & Tooth Pitch	Part Number
54 X 1.3 X 1.25	62054125-___
54 X 1.6 X 0.75/1.25	62054071-___
54 X 1.3 X 1.1/1.6	62054116-___
54 X 1.3 X 1.5/2	62054152-___
54 X 1.3 X 2/3	62054203-___
54 X 1.6 X 2/3 WS	62154203-___
54 X 1.6 X 3/4	62054304-___
54 X 1.6 X 3/4 WS	62154304-___
54 X 1.6 X 4/6	62054406-___
67 X 1.6 X 1.25	62067125-___
67 X 1.6 X 0.75/1.25	62067071-___
67 X 1.6 X 1.1/1.6	62067116-___
67 X 1.6 X 1.5/2	62067152-___
67 X 1.6 X 2/3	62067203-___
67 X 1.6 X 2/3 WS	62167203-___
67 X 1.6 X 3/4	62067304-___
67 X 1.6 X 3/4 WS	62167304-___

Size & Tooth Pitch	Part Number
80 X 1.6 X 0.75/1.25	62080071-___
80 X 1.6 X 1.1/1.6	62080116-___
80 X 1.6 X 1.5/2	62080152-___
80 X 1.6 X 2/3	62080203-___



### Profile Tooth Bi-Alfa Cobalt M42

Premium M42 cutting tips, with unique tooth geometry for outstanding performance in cutting tubes, pipe and other interruptive cuts.

Size & Tooth Pitch	Part Number
27 X 0.9 X 3/4	62527304-___
27 X 0.9 X 3/4 WS	62627304-___
27 X 0.9 X 4/6	62527406-___
27 X 0.9 X 5/7	62527507-___
27 X 0.9 X 8/11	62527811-___
34 X 1.1 X 2/3 WS	62634203-___
34 X 1.1 X 3/4	62534304-___
34 X 1.1 X 3/4 WS	62634304-___
34 X 1.1 X 4/6	62534406-___
34 X 1.1 X 5/7	62534507-___
41 X 1.3 X 2/3	62541203-___
41 X 1.3 X 3/4	62541304-___
41 X 1.3 X 3/4 WS	62641304-___
41 X 1.3 X 4/6	62541406-___
41 X 1.3 X 5/7	62541507-___

Size & Tooth Pitch	Part Number
54 X 1.3 X 2/3 WS	626543203-___
54 X 1.3 X 3/4 WS	626543304-___
54 X 1.6 X 2/3 WS	62654203-___
54 X 1.6 X 3/4	62554304-___
54 X 1.6 X 3/4 WS	62654304-___



## Premium Quality Bimetal

### Bi-Alfa Cobalt WS H M42



**Premium M42 cutting tips, with extra wide set and an aggressive cutting angle for improved cutting performance for non-ferrous metals and timber**

Size & Tooth Pitch	Part Number
13 X 0.9 X 3 ALU	622139003-__
13 X 0.9 X 4 ALU	622139004-__
20 X 0.9 X 3 ALU	62220003-__
27 X 0.9 X 1 WST	62327001-__
27 X 0.9 X 2 ALU	62227002-__
27 X 0.9 X 3 ALU	62227003-__
27 X 0.9 X 4 ALU	62227004-__
34 X 1.1 X 1.25 ALU	62234125-__
34 X 1.1 X 1.3 WST	62334013-__
34 X 1.1 X 2 ALU	62234002-__
34 X 1.1 X 3 ALU	62234003-__
41 X 1.3 X 1.3 WST	62341013-__
54 X 1.6 X 1 WST	62354013-__

ALU = Wide Set, Hook Tooth for Aluminium  
WST = Wide Set, Hook Tooth for Timber

\* For example blade length of 2360mm of 20 X 0.9 X 5/8 Part No. would be 6220508-2360



### Bi-Alfa Cobalt Pro M42



**Premium M42 cutting tips, with reinforced chromium backing for increased durability in high demand machining applications**

Size & Tooth Pitch	Part Number
27 X 0.9 X 2/3	632027203-__
27 X 0.9 X 3/4	632027304-__
27 X 0.9 X 4/6	632027406-__
34 X 1.1 X 2/3	632034203-__
34 X 1.1 X 3/4	632034304-__
34 X 1.1 X 4/6	632034406-__
41 X 1.3 X 2/3	632041203-__
41 X 1.3 X 3/4	632041304-__
41 X 1.3 X 4/6	632041406-__
54 X 1.3 X 2/3	6320543203-__
54 X 1.6 X 1.5/2	632054152-__
54 X 1.6 X 2/3	632054203-__

\* For example blade length of 8230mm of 34 X 1.1 X 3/4 Part No. would be 632034304-8230



## Premium Quality Bimetal

### Bi-Alfa Cobalt M51



**Premium M51 cutting tips, ideal for hard and abrasive steels up to tensile strength of 50HRc**

#### Size & Tooth Pitch Part Number

27 X 0.9 X 2/3	64527203-___
27 X 0.9 X 3/4	64527304-___
27 X 0.9 X 4/5	64527405-___
27 X 0.9 X 4/6	64527406-___
34 X 1.1 X 2/3	64534203-___
34 X 1.1 X 3/4	64534304-___
34 X 1.1 X 4/6	64534406-___
41 X 1.3 X 1.5/2	64541152-___
41 X 1.3 X 2/3	64541203-___
41 X 1.3 X 3/4	64541304-___
54 X 1.6 X 1.5/2	64554152-___
54 X 1.6 X 2/3	64554203-___
54 X 1.6 X 3/4	64554304-___

\* For example blade length of 8230mm of  
34 X 1.1 X 3/4  
Part No. would be 64534304-8230



### Bi-Alfa Cobalt Master Supreme



**Premium M51 cutting tips with an aggressive triple chip geometry guarantees a fast, accurate and even finish on the most difficult-to-cut materials.**

#### Size & Tooth Pitch Part Number

34 X 1.1 X 2/3	65034203-___
34 X 1.1 X 3/4	65034304-___
41 X 1.3 X 1.5/2	65041152-___
41 X 1.3 X 2/3	65041203-___
54 X 1.3 X 1.1/1.6	65054116-___
54 X 1.3 X 1.5/2	65054152-___
54 X 1.6 X 2/3	65054203-___
67 X 1.6 X 0.75/1.25	65067071-___
67 X 1.6 X 1.1/1.6	65067116-___
67 X 1.6 X 1.5/2	65067152-___
67 X 1.6 X 2/3	65067203-___

\* For example blade length of 8800mm of 54  
X 1.6 X 2/3  
Part No. would be 65054203-8800



## Premium Quality High Performance Bimetal

### TCT HM-Titan ALU



HM-Titan ALU has a unique tooth geometry perfectly suited for non-ferrous metals, especially aluminium

Size & Tooth Pitch	Part Number
20 X 0.9 X 3 ALU	68020003-__
27 X 0.9 X 3 ALU	68027003-__
27 X 0.9 X 2/3 ALU	68027203-__
34 X 1.1 X 1.5/2 ALU	68034152-__

### TCT HM-Titan BO°



HM-Titan BO° has been designed for optimal performance when cutting hardened materials over 50HRC

Size & Tooth Pitch	Part Number
27 X 1.1 X 3/4 BO°	67527304-__
34 X 1.1 X 2/3 BO°	67534023-__
34 X 1.1 X 3/4 BO°	67534304-__

Size & Tooth Pitch	Part Number
41 X 1.3 X 1.5/2 BO°	67541152-__
41 X 1.3 X 2/3 BO°	67541203-__
41 X 1.3 X 3/4 BO°	67541304-__
54 X 1.6 X 2/3 BO°	67554203-__

### Grit



Carbide Grit blades are ideal for applications that do not form a regular chip

Size & Tooth Pitch	Part Number
6 X 0.5 X Gulleted	67006000-__
10 X 0.6 X Gulleted	67010000-__
13 X 0.5 X Gulleted	670135000-__
13 X 0.6 X Gulleted	67013000-__
20 X 0.8 X Gulleted	67020000-__
27 X 0.9 X Gulleted	67027000-__
32 X 0.9 X Gulleted	670329000-__
32 X 1.1 X Gulleted	67032000-__
38 X 1.1 X Gulleted	67038000-__

Size & Tooth Pitch	Part Number
6 X 0.5 X Continuous	67106000-__
10 X 0.6 X Continuous	67110000-__
13 X 0.5 X Continuous	671135000-__
13 X 0.6 X Continuous	67113000-__
20 X 0.8 X Continuous	67120000-__
27 X 0.9 X Continuous	67127000-__
32 X 0.9 X Continuous	671329000-__
32 X 1.1 X Continuous	67132000-__

## Premium Quality Carbon

### Carbon Flexback



Size & Tooth Pitch	Part Number
3 X 0.6 X 14	61003014-___
3 X 0.6 X 18	61003018-___
5 X 0.6 X 6	61005006-___
5 X 0.6 X 10	61005010-___
6 X 0.6 X 4	61006004-___
6 X 0.6 X 6	61006006-___
6 X 0.6 X 8	61006008-___
6 X 0.6 X 10	61006010-___
6 X 0.6 X 14	61006014-___
6 X 0.6 X 18	61006018-___
6 X 0.6 X 24	61006024-___
6 X 0.6 X 32	61006032-___
8 X 0.6 X 10	61008010-___
10 X 0.6 X 3	61010003-___
10 X 0.6 X 4	61010004-___
10 X 0.6 X 6	61010006-___
10 X 0.6 X 8	61010008-___
10 X 0.6 X 10	61010010-___
10 X 0.6 X 14	61010014-___
10 X 0.6 X 18	61010018-___
10 X 0.6 X 24	61010024-___
10 X 0.6 X 32	61010032-___
13 X 0.6 X 3	61013003-___
13 X 0.6 X 4	61013004-___
13 X 0.6 X 6	61013006-___
13 X 0.6 X 8	61013008-___
13 X 0.6 X 10	61013010-___

Size & Tooth Pitch	Part Number
13 X 0.6 X 14	61013014-___
13 X 0.6 X 18	61013018-___
13 X 0.6 X 24	61013024-___
13 X 0.6 X 32	61013032-___
16 X 0.8 X 3	61016003-___
16 X 0.8 X 4	61016004-___
16 X 0.8 X 6	61016006-___
16 X 0.8 X 8	61016008-___
16 X 0.8 X 10	61016010-___
16 X 0.8 X 14	61016014-___
16 X 0.8 X 18	61016018-___
16 X 0.8 X 24	61016024-___
20 X 0.8 X 3	61020003-___
20 X 0.8 X 4	61020004-___
20 X 0.8 X 6	61020006-___
20 X 0.8 X 8	61020008-___
20 X 0.8 X 10	61020010-___
20 X 0.8 X 14	61020014-___
20 X 0.8 X 18	61020018-___
20 X 0.8 X 24	61020024-___
27 X 0.9 X 3	61027003-___
27 X 0.9 X 4	61027004-___
27 X 0.9 X 6	61027006-___
27 X 0.9 X 8	61027008-___
27 X 0.9 X 10	61027010-___
27 X 0.9 X 14	61027014-___



### Carbon - Thin Gauge



Size & Tooth Pitch	Part Number
3 X 0.4 X 14TPI	60503014-___
3 X 0.4 X 18TPI	60503018-___
6 X 0.4 X 4TPI	60506004-___
6 X 0.4 X 6TPI	60506006-___
6 X 0.4 X 10TPI	60506010-___
6 X 0.4 X 14TPI	60506014-___
6 X 0.4 X 24TPI	60506024-___
10 X 0.4 X 4TPI	60510004-___
10 X 0.4 X 6TPI	60510006-___
10 X 0.4 X 10TPI	60510010-___
10 X 0.4 X 14TPI	60510014-___

Size & Tooth Pitch	Part Number
10 X 0.4 X 24TPI	60510024-___
13 X 0.5 X 4TPI	60513004-___
13 X 0.5 X 6TPI	60513006-___
13 X 0.5 X 14TPI	60513014-___
13 X 0.5 X 24TPI	60513024-___





# Bandsaw Blades



## Premium Quality Carbon

### Polished - Meat & Fish



Size & Tooth Pitch	Part Number
13 X 0.6 X 3TPI	61213003-__
13 X 0.6 X 4TPI	61213004-__
13 X 0.5 X 6TPI	61113006-__
16 X 0.6 X 3TPI	61216003-__
16 X 0.6 X 4TPI	61216004-__
16 X 0.5 X 6TPI	61116006-__
19 X 0.6 X 3TPI	61219003-__
19 X 0.6 X 4TPI	61219004-__
19 X 0.5 X 6TPI	61119006-__



### Bandknife



Size & Tooth Pitch	Part Number
16 X 0.6 NB	6001606-__
60 X 0.6 NB	6006006-__
6mm DBSE	6010605-__
10mm DBSE	6011005-__
13mm DBSE	6011305-__
20mm DBSE	6012005-__
27mm DBSE	6012705-__
32mm DBSE	6013205-__
38mm DBSE	6013805-__
54mm DBSE	6015406-__
10 X 0.5 DBDE	6021005-__
13 X 0.5 DBDE	6021305-__
13 X 0.6 SC	6031306-__
16 X 0.6 SC	6031606-__
20 X 0.5 SC	6032005-__
20 X 0.7 SC	6032007-__
27 X 0.6 SC	6032706-__
27 X 0.7 SC	6032707-__



MADE IN GERMANY





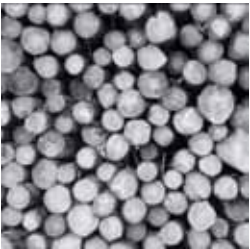
## RIPPER<sup>37</sup> Primary Timber Processing Blade

### Carbon-Forestry Blading

Specialist hard tooth carbon bandsaw for primary timber ripping and resaw applications. Suitable for Woodmizer, Baker, Forester machines, most portable sawmills and many multi-head sawmilling machines.



Size & Tooth Pitch	Part Number
27 X 0.9 X 2	61527002-__
27 X 0.9 X 1.3	61527013-__
34 X 1.1 X 1.1	61534011-__
41 X 1.1 X 1.1	61541011-__
54 X 1.1 X 1.1	61554011-__



## General Information on Bandsaw Blades



**Tooth style**



**Band speed**



**Troubleshooting**



**Run-in-procedure**



**Tooth selection**

# Bandsaw Blades



## Premium Quality Hacksaw Blades

## High Quality HSS Bimetal Blades

**300mm x 0.63 x 18TPI**

Part No. 33003

**300mm x 0.63 x 24TPI**

Part No. 33003

**300mm x 0.63 x 30TPI**

Part No. 33003

**The Best  
Hacksaw  
Blade  
on the  
Market**

- ✦ Optimum blade life
- ✦ Unbreakable
- ✦ Excellent cutting performance



**300mm x 0.63 x Progressive Teeth**

Part No. 33003



# EXCISION Cold Saw Blades

- ✪ Made in Italy from highest quality high speed steel
- ✪ Satisfaction guaranteed
- ✪ Long lasting - high wear resistance
- ✪ Precision heat treatment process for less breakages
- ✪ Supplied in high quality boxes
- ✪ Suitable for cutting mild steels, structural steels, aluminium, alloys, copper, brass and can be re-sharpened

 **MADE IN ITALY**



## HSS Cold Saw Blades

### High Speed Steel (DM05)

Dia x Width x Bore (mm)			
200 x 2.0 x 32	300 x 2.5 x 40		
200 x 2.0 x 40	300 x 3.0 x 40		
225 x 2.0 x 32	315 x 2.5 x 32		
250 x 1.6 x 32	315 x 2.5 x 40		
250 x 2.0 x 32	325 x 2.5 x 40		
250 x 2.0 x 40	325 x 3.0 x 40		
250 x 2.5 x 25.4	350 x 2.5 x 32		
250 x 2.5 x 32	350 x 2.5 x 40		
250 x 2.5 x 40	350 x 3.0 x 32		
275 x 1.6 x 32	350 x 3.0 x 40		
275 x 1.6 x 40	370 x 3.0 x 32		
275 x 2.0 x 40	370 x 3.0 x 50		
275 x 2.5 x 32	400 x 3.0 x 40		
275 x 2.5 x 40	400 x 3.0 x 50		
275 x 3.0 x 40	425 x 3.0 x 40		
300 x 2.0 x 32	425 x 3.5 x 40		
300 x 2.0 x 38	450 x 3.0 x 40		
300 x 2.0 x 40	450 x 3.5 x 40		
300 x 2.5 x 32	500 x 4.0 x 40		
300 x 2.5 x 38			

To order simply list  
the following;

1. Diameter \_\_\_\_\_
2. Thickness \_\_\_\_\_
3. Bore \_\_\_\_\_
4. Number of Teeth \_\_\_\_\_

Toothed blades part number  
for example HSS  
(DM05) - 350 x 2.5  
x 32 220z would be  
3502532220H

Toothed Blades up to ø  
370mm are supplied in  
quality reusable packaging



## Cobalt Cold Saw Blades

### High Speed Steel Cobalt (HSS-E)

Dia x Width x Bore (mm)		
250 x 2.0 x 32		
250 x 2.0 x 40		
250 x 2.5 x 32		
250 x 2.5 x 40		
275 x 2.5 x 32		
275 x 2.5 x 40		
300 x 2.5 x 32		
300 x 2.5 x 38		
300 x 2.5 x 40		
315 x 2.5 x 32		
315 x 2.5 x 40		
325 x 2.5 x 40		
350 x 2.5 x 32		
350 x 2.5 x 40		
370 x 3.0 x 32		
400 x 3.0 x 40		

Toothed blades part  
number for example  
HSS-E  
(Cobalt) - 350 x 2.5  
x 32 220z would be  
3502532220C

Toothed Blades up to ø  
370mm are supplied in  
quality reusable packaging



## Cold Saw Blades

### HSS-E To Suit GF Machines

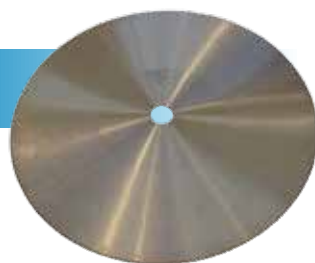
HSS Cobalt (HSS-E) Saw Blades to suit GF type tube and pipe cutting machines

Dia x Width x Bore No. Teeth (mm)			
63	x	1.6	x 16 z = 64
63	x	1.6	x 16 z = 72
63	x	1.6	x 16 z = 96
68	x	1.6	x 16 z = 44
68	x	1.6	x 16 z = 72
68	x	1.6	x 16 z = 80
75	x	1.6	x 16 z = 44
80	x	1.6	x 16 z = 84
100	x	1.6	x 16 z = 108
100	x	1.6	x 16 z = 64
125	x	1.6	x 16 z = 120
125	x	1.6	x 22 z = 128
140	x	1.6	x 16 z = 150



## Friction Saw Blades

Dia x Width x Bore No. Teeth (mm)			
520	x	4.0	x 40 z = 300
600	x	4.0	x 40 z = 300



NB: Friction Saws attract separate discount structure - refer discount section



Scan for general Information to Assist in the Selection of the Correct Circular Saw Blade

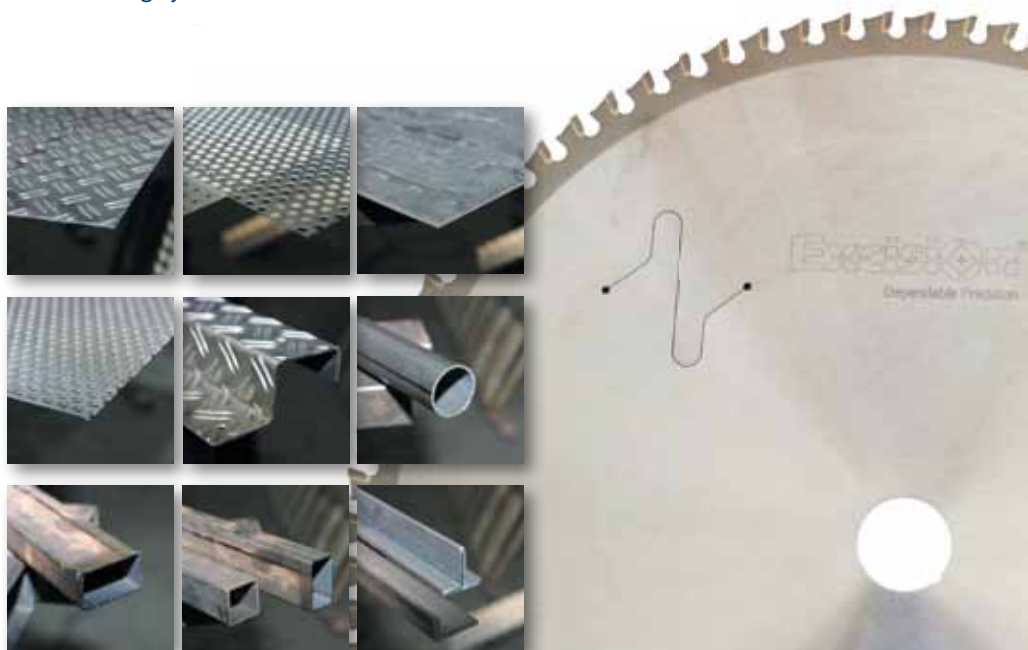
# EXCISION

## TCT Circular Saw Blades

### CUTS EASIER FOR LONGER

#### EXCISION® TUNGSTEN CARBIDE TIPPED STEEL SAW BLADES

- ✶ Excision's Blades have a unique tooth geometry, enabling easy cutting and longer life
- ✶ These special TCT circular saws ensure fast and clean cuts in pipes, threaded rods, profiles, corrugated and trapezoidal sheets, wire ducts, sandwich panels, dry mortarless construction profiles, fastening profiles (DIN rails), grates using dry cutting method.
- ✶ Suitable for cutting mild steels, structural steels, aluminium, alloys, copper, brass and can be re-sharpened
- ✶ High cutting performance and tool life. The excellent price/performance ratio makes these saws highly economical.





## TCT Circular Saw Blades

### TCT DRY-CUT Blades

Dia x Kerf/Width x Bore x Teeth	Part Number
182 x 2.2/1.6 x 20 x 34T	5111822034
230 x 2.2/1.8 x 30 x 44T	5112303044
250 x 2.2/1.8 x 30 x 54T	5112503054
305 x 2.2/1.8 x 25.4 x 60T	5113052560
305 x 2.2/1.8 x 25.4 x 80T	5113052580
355 x 2.4/2.0 x 25.4 x 72T	5113552572
355 x 2.4/2.0 x 25.4 x 90T	5113552590



- ✧ Suitable for metal cutting saws from; Flex, Euroboor, Evolution, Hitech, Jepson, Metallkraft, Ridgid, etc.
- ✧ Specifically engineered to easily cut through a wide variety of ferrous and other metals
- ✧ Low Noise and Resharpenable
- ✧ For use without coolant and low sparking

### TCT Non-Ferrous Blades

Dia x Kerf/Width x Bore x Teeth	Part Number
250 X 3.2/2.5 X 30 X 60T	5242503060
300 X 3.2/2.5 X 30 X 96T	5243003096
350 X 3.3/2.8 X 32 X 84T	5243503284
350 X 3.3/2.8 X 32 X 96T	5243503296
400 X 4.0/3.2 X 30 X 120T	52440030120
500 X 4.2/3.6 X 30 X 120T	52450030120



### TCT Cermet-Tipped Blades

Dia x Kerf/Width x Bore x Teeth	Part Number
285 x 2.0/1.6 x 32 x 80Z	2852016032080TCT
460 x 2,7/2,25 x 50 x 60Z	4602722550060TCT
460 x 2,7/2,25 x 50 x 80Z	4602722550080TCT
460 x 2,7/2,25 x 50 x 100Z	4602722550100TCT



# EXCISION Ultimate Metal Working Fluids



A unique concept developed to save money, time and wastage

**SAVE  
MONEY  
TIME  
WASTAGE**

**1 Litre pouch of coolant that is pre-measured, so all you have to do is add to 20L of water**



**XDP1000**  
Water Soluble Cutting Fluids

An economical coolant for use in a wide range of ferrous and non-ferrous metals.



**XDP2000**  
Water Soluble Cutting Fluids

An enhanced coolant developed from a formula to extend tool life.

**STEP 1.**



Cut open pouch as indicated

**STEP 2.**



Pour METALIUM into 20litres of water  
(DO NOT ADD WATER TO OIL)

**STEP 3.**



Mix thoroughly before adding to machine



- ⬢ Long Lasting Stable Coolant
⬢ Premium Rust Protector
⬢ Extends Tool Life
- ⬢ Antibacterial
⬢ Antifungal
⬢ Chlorine, Nitrate and Silicone Free
- ⬢ Easy on Hands
⬢ Low Foam

## XDP 1000- Water Soluble Mineral Based

Part No.	Size
81110-10	1 Lt x 10pk
81110-5	5 Lt
81110-20	20 Lt
81110-205	205 Lt



XDP1000 has been developed as an economical cutting fluid that can be used on a wide range of machines, for ferrous and nonferrous metals. A carefully formulated chemical package has been added to the mineral based oil to increase the life of the coolant in the sump. Extreme Pressure additives have been included to increase tool life in demanding machining operations and produce excellent surface finishes. When added to water, it forms a stable milky solution providing excellent emulsion. It has been tested in almost all hard waters and has proven exceptionally stable. It has excellent Anti-Bacterial, Anti-Fungal, and Reduced Foam Properties.

- ✶ Rust Protector
- ✶ Antibacterial
- ✶ Antifungal
- ✶ Chlorine, Nitrate and Silicone Free
- ✶ Easy on Hands



**Scan to download  
MSDS Sheet**

### Recommended Mix Ratio:

Always add Oil to Water. Failure to do this may result in an unsatisfactory emulsion.

20:1 (5%) for Bandsaws, Coldsaws, Milling Machines and Lathes - on mild machining steels and stainless.

15:1 (6.3%) for Bandsaws, Coldsaws, Milling Machines and Lathes - on harder machining steels.

10:1 (10%) for harsher applications such as Drilling, Tapping and Broaching.

35:1 (2.8%) For grinding applications. A leaner solution could be used, but the corrosion protection will be reduced.

Addition of fresh solution should be calculated to compensate for evaporation or dilution. The concentration level can be

measured using a hand refractometer.

### Storage and Shelf Life:

XDP1000 is recommended to be stored indoors in dry conditions between 5°C and 50°C. Keep away from sources of heat and naked flames. When stored in original sealed containers, shelf life is 2 years.

## XDP 2000 - Water Soluble Synthetic

Part No.	Size
81210-10	1 Lt x 10pk
81210-5	5 Lt
81210-20	20 Lt
81210-205	205 Lt



XDP2000 cutting fluid has been formulated to increase tool life and provide extended sump life. It can be used on a wide range of machinery, for ferrous and nonferrous metals. A carefully formulated chemical package has been added to the highly refined oil to increase the life of the coolant in the sump. Extreme Pressure additives have been included to increase tool life in demanding machining operations and produces excellent surface finish. When added to water it forms a stable translucent solution providing excellent microemulsion. It has been tested in almost all hard waters and has proved exceptional stability. It has excellent Anti-Bacterial and Anti-fungal, and Low Foam Properties.

- Long Lasting Stable Coolant
- Premium Rust Protector
- Extends Tool Life
- Antibacterial
- Antifungal
- Chlorine, Nitrate and Silicone Free
- Easy on Hands
- Low Foam



Scan to download  
**MSDS Sheet**

### Recommended Mix Ratio:

Always add Oil to Water. Failure to do this may result in an unsatisfactory emulsion.

20:1 (5%) for Bandsaws, Coldsaws, Milling Machines and Lathes - on mild machining steels and stainless.

15:1 (7.5%) for Bandsaws, Coldsaws, Milling Machines and Lathes - on harder machining steels.

10:1 (10%) for harsher applications such as Drilling, Tapping and Broaching.

35:1 (2.8%) For grinding applications. A leaner solution could be used, but the corrosion protection will be reduced.

Addition of fresh solution should be calculated to compensate for evaporation or dilution. The concentration level can be measured using a hand refractometer.

The refractive index for XDP 2000 is 2.63.

### Storage and Shelf Life:

XDP2000 is recommended to be stored indoors in dry conditions between 5°C and 50°C. Keep away from sources of heat and naked flames. When stored in original sealed containers, shelf life is 2 years.

## XDP MQL Spray Mist Units

Part No.	For Bandsaw Machines with 6-34mm Wide Blade
8534024V	6-34mm MQL System 24V
85340240V	6-34mm MQL System 240V

Part No.	For Bandsaw Machines with 41mm Wide Blade
8541024V	41mm MQL System 24V
85410240V	41mm MQL System 240V

Part No.	For Bandsaw Machines with 54mm Wide Blade
8554024V	54mm MQL System 24V
85540240V	54mm MQL System 240V

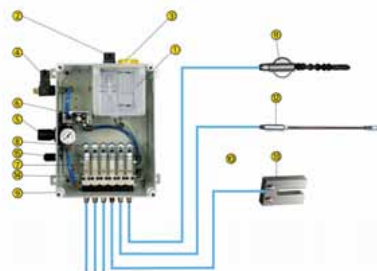
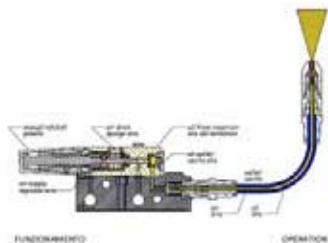
Part No.	For Coldsaws, Drills, Mills and Tapping Machines
8501240V	Single Outlet MQL System with Magnetic Nozzle 240V



### Minimum Quantity Lubrication principle: DROPS INSTEAD OF LITRES!

Excision Spray Mist Units operate via an adjustable pneumatic displacement pump to meter out a minimal quantity of lubricant. The lubricant is projected to the cutting edge via a compressed air stream and forms a thin even coat on the cutting edge, greatly reducing frictional heat. The lubrication pulse can be adjusted from 3 per second to 1 per minute and the discharge from 0mm<sup>3</sup> to 41mm<sup>3</sup> per pulse. An economical and efficient method of lubrication, eliminating the expense and wastage of flood coolant systems.

- ✦ Extends tool life
- ✦ Prevents corrosion damage to machinery
- ✦ Economical and Eco-friendly
- ✦ Safer for operators



## XDP 116 ALU Spray Misting Oil

Part No.	Size
82410-5	5 Lt
82410-20	20 Lt
82410-205	205 Lt

XDP 116 is a high performance, fully Biodegradable spray misting oil. Ideal for aluminium cutting applications to prevent the swarf from sticking to the cutting edge. The solution is exceptionally thin and leaves minimal residue.

- ✧ Fully Biodegradable
- ✧ Chloride, nitrate, sulphur and silicone free
- ✧ Minimal residue
- ✧ High Anti-corrosion properties



## XDP 118 Steel Spray Misting Oil

Part No.	Size
82420-5	5 Lt
82420-20	20 Lt
82420-205	205 Lt

XDP 118 is a high performance, fully Biodegradable spray misting oil. Ideal for all steel and stainless steel machining applications, it has formulated additives to form an even coat on the cutting edge to significantly reduce frictional heat. The solution is suitable for all spray mist systems and is exceptionally thin, leaving minimal residue.

- ✧ Fully Biodegradable
- ✧ Chloride, nitrate, sulphur and silicone free
- ✧ Minimal residue
- ✧ High Anti-corrosion properties





## XDP System Cleaner

Part No.	Size
84620-500	500 ml
84620-1	1 Lt

System Cleaner is a concentrated metalworking fluid cleaner, designed to clean and disinfect the cutting fluid solution and coolant system.

Mix between 1-3% in the solution and allow to run for 8 hours before cleaning out and add the new cutting fluid to the system.

- Chloride, nitrate and silicone free
- Easy on hands
- Prevent corrosion damage to machinery



## XDP 135 Neat Oil For Machining

Part No.	Size
82310-5	5 Lt
82310-20	20 Lt
82310-205	205 Lt

XDP 135 is a high performance machining oil. It is used neat in machining applications for ferrous & non ferrous metals. It has specially functioned chemistry to enhance performance, in both tool life and cooling properties

- Low vapour
- Chlorine, nitrate and silicone free



## XDP 915-Neat Oil For Grinding

Part No.	Size
82320-5	5 Lt
82320-20	20 Lt
82320-205	205 Lt

XDP 915 is a high performance grinding oil used neat in grinding applications for ferrous, non ferrous metals, & tungsten carbide. Its special formulation minimises misting, and allows for an outstanding grinding finish.

- Very low viscosity to enhance grinding performance
- Chlorine, nitrate and silicone free





## XDP - Slideway Oil

	Part No.	Size
	XDP-SW32	84132-20
	XDP-SW68	84168-20
	XDP-SW220	841220-20

Available in ISO 32, 68, 220 grades.

Slideway oils are high performance slideway lubricants. They are recommended for both vertical and horizontal slideways and can be used for both metal and plastic slideways. Metalium Slideway Oils contain specialised additives to enhance the fluid load carrying capacity, providing quicker operation, reduced friction and less wear.

- Chloride, nitrate and silicone free
- Prevent corrosion damage to machinery



## XDP Aluminium Lube Stick

Part No.	Size
84120-150	150 g
84120-1000	1kg



Aluminium Lube Stick is a wax-like lubricant that can be applied to the cutting edge to prevent aluminium swarf sticking to the blade. It has specially formulated additives to prevent it being eaten by rodents.

## 20 LT Drum Including Tap in the lid

Empty 20Lt drum with a tap in the lid, perfect for mixing your metalworking fluid solution.



## BIO 2000 Cutting Oil

Description	Part No.
300ml pump spray	21040
405ml spray can	21010
500ml	21011
5Lt	21012

Alfra BIO 2000 is a high performance, fully Biodegradable synthetic cutting oil, developed to be used for "heavy-duty jobs" with cutters, threading and drilling of metals. Very low viscosity. Optimal lubrication and separation against cold sets. Particularly appropriate for iron metal, steel alloys, chrome-nickel steel, V2 A and V4-Steel (stainless steel), copper aluminium and Cu- and Al- alloys. Free from hydrocarbons, sulphur and chlorines.

- Extreme heavy-duty
- Very low viscosity
- Chlorine, nitrate, sulphur and silicone free



MADE IN GERMANY

## Wax Lubricant Stick High Performance

18g

Part No. 09011

Ideal for horizontal or inverted core drilling on walls or ceilings as the paste adheres to the cutting edge.



## Lubricant Paste

120g

Part No. 33005

Lubricant PASTE is a sticky lubricant used on holesaws and cutters. Ideal in stainless applications. Brush mounted under lid for ease of application.



## XDP - Hand Cleaner

	Part No.	Size
	84610-5	5 Lt
	84610-20	20 Lt
Hand Pump	84610-5P	To suit 5 Lt
Hand Pump	84610-20P	To suit 20 Lt

Hand Cleaner is an advanced solvent-free hand cleaner. It is extremely effective at removing dirt and grease, and leaves the hands refreshed. It is citrus free to protect the skin pores and has non-abrasive polybeads to enhance the speed of cleaning.

- Solvent free
- Citrus free
- Easy on hands



## SPECIAL FEATURES



The new, unique Magnex Drill provides improved safety by using a powerful magnet that does not need a power supply to work. It adheres to even the thinnest steel sheets or beams allowing:

- ✦ Safe working environment – magnet adheres without power supply
- ✦ Increased efficiency not having to use secondary clamps, straps, chains or additional counter magnets – less time is spent getting the job done
- ✦ Wider range of application from 1.6mm+ steel – whatever steel you're facing the Magnex will adhere to it

It comes in 2 sizes, the Magnex Drill 40 and Magnex Drill 50 (two speed workhorse), so no job is too big or too small. Getting it done faster, safer and more reliably.

## MAGNEX DRILL 40

- Very light and compact
- Smooth start motor with overload protection and emergency stop
- Stepless adjustment slides
- Self-adjusting guides
- Soft touch grips
- Membrane keyboard
- Quick-change chuck

**QUICK  
RELEASE  
CHUCK**

<b>Stroke</b>	105mm
<b>Height adjustment</b>	80mm
<b>Speed (RPM)</b>	450 rpm
<b>Power</b>	1100 watt
<b>Weight</b>	9.9kg
<b>Part No.</b>	18801

### CAPACITY OF DRILL

<b>Diameter</b>	40mm
<b>Depth</b>	50mm



## MAGNEX DRILL 50

- Morse Taper 2 shank
- MK2 arbor
- Smooth start motor with overload protection and emergency stop
- Stepless adjustment slides
- Self-adjusting guides
- Soft touch grips
- Membrane keyboard
- Lightest 50mm machine in the world

**LIGHTEST  
50MM MACHINE  
IN THE WORLD**

<b>Stroke</b>	100mm
<b>Height adjustment</b>	47mm
<b>Speed (RPM)</b>	250 & 450 rpm
<b>Power</b>	1200 watt
<b>Weight</b>	11.5kg
<b>Part No.</b>	18850

### CAPACITY OF DRILL

<b>Diameter</b>	50mm
<b>Depth</b>	50mm



## EM 40

- ✦ 9,000N Magnetic Adhesion
- ✦ Spring loaded guide for rigid drilling and removes vibration
- ✦ Height adjustable slide – enables use of standard twist drills
- ✦ Quick release chuck
- ✦ Smart Start feature
- ✦ Integrated coolant system with coolant unit
- ✦ Durable Touch Pad

<b>Stroke</b>	130mm
<b>Height adjustment</b>	86mm
<b>Speed (RPM)</b>	450 rpm
<b>Power</b>	1100 watt
<b>Weight</b>	10.6kg
<b>Part No.</b>	18500

### CAPACITY OF DRILL

<b>Diameter</b>	40mm
<b>Depth</b>	50mm

**Best  
Seller**



## EMB 35

- Spring loaded guide for rigid gliding and removes vibration
- Direct Weldon arbor type spindle
- Durable switches
- 2 Coil 9,000N Magnetic Adhesion



Stroke	120mm
Speed (RPM)	450 rpm
Power	1100 watt
Weight	10.6kg
Part No.	18400

CAPACITY OF DRILL	
Diameter	35mm
Depth	50mm



## EM 32 COMPACT

- 2 Coil 16,000N Magnetic Adhesion
- 19mm Weldon Shank – takes standard 30mm depth cutters
- Dual Left or Right Hand Side Handle Mounting
- Integrated Coolant System with Coolant Bottle
- Complete with 18mm Cutter and Pin

Stroke	45mm
Speed (RPM)	450 rpm
Power	900 watt
Weight	12.5kg
Part No.	18710

CAPACITY OF DRILL	
Diameter	32mm
Depth	25mm



## EM 50

2 Speed  
Workhorse

- Spring loaded guide for rigid gliding and removes vibration
- Height adjustable slide – enables use of standard twist drills
- 3 Coil 12,000N Magnetic Adhesion
- Integrated coolant system with coolant unit
- Direct Weldon arbor type spindle – ensures concentricity and versatility
- Durable Touch Pad

Stroke	145mm
Height adjustment	117mm
Speed (RPM)	250 & 450 rpm
Power	1200 watt
Weight	15kg
Part No.	18510

### CAPACITY OF DRILL

Diameter	50mm
Depth	50mm



## EM 80

- 3 Coil 20,000N Magnetic Adhesion
- 3 Coil Power Increase Magnet
- Solid Brass Guides
- Adjustable Magnetic Foot 30° to left + right
- Durable Touch Pad
- Morse Taper 3
- Height adjustable slide up to 280mm
- Twist Drilling Capacity 3mm

Stroke	200mm
Height adjustment	226-280mm
Speed (RPM)	110, 175, 245, 385 rpm
Power	1800 watt
Weight	22kg
Part No.	18625

### CAPACITY OF DRILL

Diameter	80mm
Depth	110mm





## EM 100

- ✦ Solid Brass Guides
- ✦ 3 Coil Power Increase Magnet
- ✦ Morse Taper 3
- ✦ 3 Coil 20,000N Magnetic Adhesion
- ✦ Durable Touch Pad
- ✦ 35mm Twist Drill Capacity
- ✦ Adjustable Magnetic Foot 30° to Left + Right,  
10mm back & front
- ✦ 30mm Tapping Capacity

<b>Stroke</b>	245mm
<b>Height adjustment</b>	295-400mm
<b>Speed (RPM)</b>	110, 175, 245, 385 rpm
<b>Power</b>	2500 watt
<b>Weight</b>	28kg
<b>Part No.</b>	18635

### CAPACITY OF DRILL

<b>Diameter</b>	100mm
<b>Depth</b>	110mm



## EM 130

- ✦ 6 Coil MPI 32,000N Magnet
- ✦ Tapping capacity up to M42
- ✦ Twist drill capacity up to 45mm
- ✦ Durable Touch Pad
- ✦ Solid brass guides

<b>Stroke</b>	230mm
<b>Height adjustment</b>	110mm
<b>Speed (RPM)</b>	4 Speed variable drive 30-80 rpm 50-120 rpm 130-350 rpm 210-550 rpm
<b>Power</b>	2500 watt
<b>Weight</b>	34.5kg
<b>Part No.</b>	18645

Largest  
Drill on the  
Market

### CAPACITY OF DRILL

<b>Diameter</b>	130mm
<b>Depth</b>	110mm



## EM 50 RLE

- ✦ Solid Brass Guides
- ✦ Oil Bath Gearbox 2 Speed
- ✦ Forward-reversible drive
- ✦ 3 Coil 16000N Magnetic Adhesion
- ✦ Morse Taper 2 spindle
- ✦ Variable Speed

<b>Stroke</b>	170mm
<b>Height adjustment</b>	108mm
<b>Speed (RPM)</b>	2 Speed variable drive 100-250 rpm 180-450 rpm
<b>Power</b>	1200 watt
<b>Weight</b>	22kg
<b>Part No.</b>	18611



### CAPACITY OF DRILL

<b>Diameter</b>	50mm
<b>Depth</b>	50mm



## EM 80 RLE

- ✦ Solid Brass Guides
- ✦ Tapping capacity up to M30
- ✦ Oil Bath Gearbox 4 Speed
- ✦ 3 Coil 20,000N Magnetic Adhesion
- ✦ Forward-reversible drive
- ✦ Morse Taper 3 spindle
- ✦ Variable Speed

<b>Stroke</b>	200mm
<b>Height adjustment</b>	63mm
<b>Speed (RPM)</b>	4 Speed variable drive 50-110 rpm 75-175 rpm 105-245 rpm 165-385 rpm
<b>Power</b>	1800 watt
<b>Weight</b>	22kg
<b>Part No.</b>	18626



### CAPACITY OF DRILL

<b>Diameter</b>	80mm
<b>Depth</b>	80mm



## Magnetic Based Drilling Machines - Accessories



### Keyless Drill Chuck

Part No. 18107

- 1-13mm
- Adaptor included
- Multifit



### Chuck Adaptor Only

Part No. 21105

- 1/2" 20 UNF Thread
- Suits Weldon shank
- Multifit



### MT Drill Chuck

Part No. 18008 & 18009

- 1-16mm with Morse Taper



### Vacubest Vacuum Attachment

Part No. 18150

- For non-magnetic surfaces
- 400 x 200mm vacuum plate
- Complete with vacuum pump

NB: Drill not included



### Coolant Unit

Part No. 18104

- Includes tank, tap & hose



### Transport Case

Part No. 18532

- To suit EM40 and EM50



### Transport Case

Part No. 18566

- To suit EM80, RLE 50, RLE 80



### Pipe Clamping Attachment

Part No. 18109

- For pipes ø80-300mm
- Single chain



### Pipe Clamping Attachment

Part No. 18020

- For pipes ø80-900mm
- Dual chain



### Pipe Clamping Attachment

Part No. 18022

- For pipes ø80-2000mm
- Single ratchet strap



### Reversible Tapping Chuck

Part No. 18652

- Adaptors to suit RotaQuick & MT2/3

Part No.	Size
18652	M3 – M12
18653	M10 – M20



### Safety Strap

Part No. 14950



### Magnetic Swarf Remover

Part No. 18654

- Ideal for swarf clean up
- Ideal for picking up fasteners

# Magnetic Based Drills



## Magnetic Based Drilling Machines - Accessories



### AMK2 No. 2 MT

Part No. 18107

- ✦ Max. Depth 50mm
- ✦ With internal cooling



### AMK3 No. 3 MT

Part No. 18025

- ✦ Max. Depth 50mm
- ✦ With internal cooling



### AMT2 No. 2 MT

Part No. 21003

- ✦ Max. Depth 25mm
- ✦ No internal cooling



### AS13 13mm Drill Adaptor

Part No. 21106

- ✦ Max. Depth 50mm
- ✦ Accepts Weldon core drills



### AL 3 - No. 3 MT

Part No. 20230

- ✦ Max. Depth 50mm
- ✦ Complete with pin
- ✦ Suits AL type core drills



### AMK2L No. 2/3 MT

Part No. 18003L

- ✦ Max. Depth 110mm
- ✦ With internal cooling



### AMT3 No. 3 MT

Part No. 21025

- ✦ Max. Depth 25mm
- ✦ No Internal Cooling



### AE80 - ø32 x 80mm long

Part No. 20206

- ✦ 80mm Extension arbor
- ✦ Weldon Shank and Pin
- ✦ Suits Ø32mm and over



### AL 4 - No. 4 MT

Part No. 20240

- ✦ Max. Depth 50mm
- ✦ Complete with pin
- ✦ Suits AL type core drills

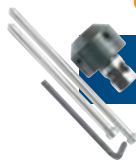


### ALW Weldon Adaptor

Part No. 21108

- ✦ Suits AL type core drills up to Ø60mm
- ✦ Suitable for Weldon shank machines

## CUTTER ADAPTORS



### Weldon to Rotaquick

Part No. 20205

- ✦ For use with Weldon core drills
- ✦ Includes longer pin - ø 6.35mm



### M18x6p1.5 Fein to Weldon

Part No. 20202

- ✦ Fein to Weldon adaptor



### Weldon to Fein Quick-in

Part No. 20204

- ✦ For use with Weldon core drills



### Weldon to M18x6p1.5 Fein

Part No. 20201

- ✦ Weldon to Fein adaptor

# EXCISION Core Drills

- ⊗ HSS - 5% Cobalt for increased life
- ⊗ Multi-fit shank
- ⊗ One pin suits all sizes
- ⊗ Thinner wall for faster drilling and less power to drive



## The Core Drilling Principle Perfected by Excision

### The Excision Core Drill

Internal Bore for ejector pin  
+ coolant supply

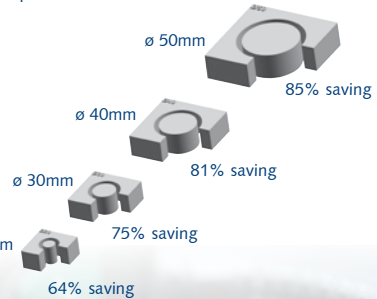
Optimized  
wall thickness

Conical Grinding

usable cutting  
depth

Optimized tooth shape  
with pre- and post-cutter

Economies on chipping  
volume of a core drill  
compared with a twist drill



## HSS - 5% Cobalt - 30mm Depth

- ✚ 1 pin fits every diameter - 12mm to 50mm
- ✚ High Speed Steel with 5% Cobalt Cutters
  - Longer Lasting
  - Will drill harder materials
- ✚ Multi Fit - Fits all makes of magnetic based drill including all quick change systems

Diameter	Part Number
12	1905012030
13	1905013030
14	1905014030
15	1905015030
16	1905016030
17	1905017030
18	1905018030
19	1905019030
20	1905020030
21	1905021030
22	1905022030
23	1905023030
24	1905024030
25	1905025030
26	1905026030
27	1905027030
28	1905028030
29	1905029030
30	1905030030
31	1905031030
32	1905032030
33	1905033030
34	1905034030
35	1905035030
36	1905036030
37	1905037030
38	1905038030
39	1905039030
40	1905040030
41	1905041030
42	1905042030
43	1905043030
44	1905044030
45	1905045030
46	1905046030
47	1905047030
48	1905048030
49	1905049030
50	1905050030



Suitable PIN	RA359-B
Part No.	1926500

### Stack Cutters

HSS-Co cutters suitable for drilling multiple layers are available on request for an additional cost.

## HSS - 5% Cobalt - 50mm Depth

- ✦ 1 pin fits every diameter - 12mm to 60mm
- ✦ High Speed Steel with 5% Cobalt Cutters
  - Longer Lasting
  - Will drill harder materials
- ✦ Multi Fit - Fits all types of magnetic based drill including all quick change systems

Diameter	Part Number
12	1905012050
13	1905013050
14	1905014050
15	1905015050
16	1905016050
17	1905017050
18	1905018050
19	1905019050
20	1905020050
21	1905021050
22	1905022050
23	1905023050
24	1905024050
25	1905025050
26	1905026050
27	1905027050
28	1905028050
29	1905029050
30	1905030050
31	1905031050
32	1905032050
33	1905033050
34	1905034050
35	1905035050
36	1905036050

Diameter	Part Number
37	1905037050
38	1905038050
39	1905039050
40	1905040050
41	1905041050
42	1905042050
43	1905043050
44	1905044050
45	1905045050
46	1905046050
47	1905047050
48	1905048050
49	1905049050
50	1905050050
51	1905051050
52	1905052050
53	1905053050
54	1905054050
55	1905055050
56	1905056050
57	1905057050
58	1905058050
59	1905059050
60	1905060050

Suitable PIN	RA360
Part No.	1905000



## HSS - 5% Cobalt - 100mm Depth

Cutter DIA	24-50mm
Suitable PIN	RA367
Part No.	2001502

To be used with tool holder AMK2L #18003L when drilling material over 50mm depth.



## Ejector Pins

Description	Cutter to Suit	Depth	Length	DIA.	Part No.
RA359B	1901, 1902, 1905, 1908 Series	25mm	77mm	6.35mm	1926500
RA360	1901, 1902, 1905, 1908 Series	50mm	102mm	6.35mm	1950500
RA362	TCT Cutter	50mm	102mm	8.00mm	2001501
RA363	TCT Cutter	35mm	87mm	8.00mm	2001500
RA364	TCT Cutter - Series 2002 - when using ALW adaptor	50mm	117mm	8.00mm	2101500
RA359C	HSS-Co Cutter for V32 Compact	25mm	74mm	6.35mm	1924500
RA361	HSS-Co Cutter	35mm	87mm	6.35mm	1935500
RA367	HSS-Co Cutter	110mm	160mm	8.00mm	2001502
RA359	Old Series Cutters & 1905	25mm	77mm	7.10mm	1925500



## HSS - 5% Cobalt Countersink with multifit

- Multi fit - suits all makes of magnetic based drills
- HSS with 5% Cobalt

DIA	Part No.
25mm	18533
40mm	18534



## Core Drill Sets

### 5 Pce Set – Cutting Depth 30mm & 50mm

- 4 cutters & 1 pin to suit
- 1 x 14, 1 x 18, 1 x 20, 1 x 22 and 1 pin
- Presented in heavy duty plastic case.
- HSS - 5% Cobalt

Piece Set	5 piece	5 piece
Cutter Depth	30mm	50mm
Part No.	1905005030	1905005050



## Tungsten Carbide Tipped

### 35mm Depth

#### Cutter DIA

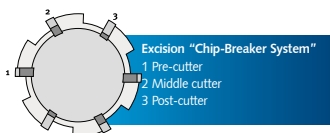
18mm - 40mm

### 50mm Depth

Suitable Pin RA363

Part No: 2001500

- ⊕ Suits Weldon shank drilling machines
- ⊕ Alfra "Chip-Breaker System"



## TCT Core Drills - 'AL' Type - 50mm depth

#### Cutter DIA

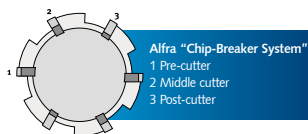
51mm - 100mm

- ⊕ Heavy duty with keyway & feather key Alfra
- ⊕ Alfra "Chip-Breaker System"

Suitable Pin RA363

Part No: 2001500

**NB: Must be used with 'AL' tool holders.**





## HSS - 5% Cobalt RQX - 25mm Depth

<b>Cutter DIA</b>	14-38mm
<b>Suitable PIN</b>	RA359-B
<b>Part No.</b>	1926500

- ✦ Suits Weldon shank drilling machines
- ✦ HSS 5% cobalt with TiAlN coating



## HSS - 5% Cobalt RQX - 50mm Depth

<b>Cutter DIA</b>	14-38mm
<b>Suitable PIN</b>	RA359-B
<b>Part No.</b>	1926500

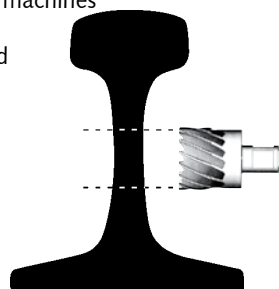
- ✦ Suits Weldon shank drilling machines
- ✦ HSS 5% cobalt with TiAlN coating



## Track Star Rail Core Drills

<b>Cutter DIA</b>	23-38mm
<b>Suitable PIN</b>	RA359-B
<b>Part No.</b>	1926500

- ✦ Shank to suit Track Star rail machines
- ✦ 1 pin fits every diameter
- ✦ High Speed Steel Tin coated
- ✦ 5% Cobalt for greater life



Cutting depth 25mm -  
suitable for Track Star  
rail machines



# EXCISION

## 4/6 TPI Holesaws

### ø14 to 210mm

M42  
Material for  
Increased  
Cutting  
Life

- ✦ 8% cobalt
- ✦ Quick, precise and effortless cutting of holes in steel, stainless steel, copper, wood (including nails), plywood, veneers, melamines, plastics, pipes, tubing and more
- ✦ Re-sharpenable
- ✦ For use with hand and pillar drilling machines
- ✦ Solid base allows a stronger thread giving greater strength and stability whilst reducing the risk of stripped threads



# EXCISION

## 10 TPI Holesaws - ø14 to 102mm

- ✦ Fine tooth to prevent stripping - perfect for sheetmetal and tubes including stainless steel
- ✦ 8% Cobalt
- ✦ Quick, precise and effortless cutting of holes in steel, stainless steel, copper, wood (including nails), plywood, veneers, melamines, plastics, pipes, tubing and more
- ✦ Re-sharpenable
- ✦ For use with hand and pillar drilling machines
- ✦ Solid base allows a stronger thread giving greater strength and stability whilst reducing the risk of stripped threads and inserts

**Perfect  
for Thin  
Wall Drilling  
Applications  
in Mild &  
Stainless  
Steel**



**M42  
material  
for increased  
cutting  
life**

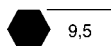


**Recommended  
speeds**

## HSS-Bimetal Holesaw - Accessories



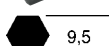
**A2-SS for Ø 14-30**  
Part No. 0501001



✦ To suit 10mm (3/8") chucks



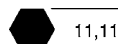
**A2-SS for Ø 32-152**  
Part No. 0501003



✦ To suit 10mm (3/8") chucks



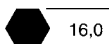
**A3-SS for Ø 32-210**  
Part No. 0501006



✦ To suit 13mm (1/2") chucks



**A5-SS for Ø 32-210**  
Part No. 0501008



✦ To suit 16mm (5/8") chucks



**A6-SDS for Ø 14-30**  
Part No. 0501002



✦ To suit SDS Multifit chucks



**A2-SDS for Ø 32-152**  
Part No. 0501005



✦ To suit SDS Multifit chucks



**Spare Drill Ø 6.35 x 80mm**  
Part No. 0502001

✦ Suits all standard arbors  
✦ 80mm length



**Spare Drill Ø 6.35 x 95mm**  
Part No. 0502002

✦ Suits all standard arbors  
✦ 95mm length

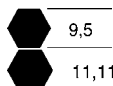


**Ejector Spring**  
Part No. 0502004

✦ Suits all standard arbors



**Arbor Extension 300mm**  
Part No. 0501010



✦ Suits A6, A2, A3 arbors  
✦ Double ended



**Screw**  
Part No. 0501025

✦ To suit A6 Arbor



**Mandrel Bush**  
Part No. 0501020

✦ To suit A6 Arbor  
✦ Suits 32mm h/saw and over



**Screw**  
Part No. 0501026

✦ To suit A2 SS Arbor



**Paste**  
Part No. 33005

## HSS-Bimetal M42 COARSE Holesaws - Holesaw Sets

### Electricians Kit - 4/6TPI Vari-Pitch

Part No. 0503012

- ✦ 10 Pieces
- ✦ 1 x 16, 1 x 20, 1 x 25, 1 x 32, 1 x 40, 1 x 51, 1 x 64mm
- ✦ 1 x Arbor A6, 1 x Arbor A2-SS, 1 x Spare Drill
- ✦ Presented in a heavy duty plastic case



### Plumbers Kit - 4/6TPI Vari-Pitch

Part No. 0503011

- ✦ 10 Pieces
- ✦ 1 x 22, 1 x 29, 1 x 38, 1 x 44, 1 x 51, 1 x 57, 1 x 64mm
- ✦ 1 x Arbor A6, 1 x Arbor A2-SS, 1 x Spare Drill
- ✦ Presented in a heavy duty plastic case



### General Purpose Kit - 4/6TPI Vari-Pitch

Part No. 0503006

- ✦ 12 Pieces
- ✦ 1 x 16, 1 x 19, 1 x 22, 1 x 29, 1 x 35, 1 x 44, 1 x 51, 1 x 57, 1 x 67mm
- ✦ 1 x Arbor A6, 1 x Arbor A2-SS, 1 x Spare Drill
- ✦ Presented in a heavy duty plastic case



### Industrial Kit - 4/6TPI Vari-Pitch

Part No. 0503007

- ✦ 15 Pieces
- ✦ 1 x 16, 1 x 19, 1 x 22, 1 x 25, 1 x 29, 1 x 32, 1 x 35, 1 x 38, 1 x 44, 1 x 51, 1 x 64, 1 x 76mm
- ✦ 1 x Arbor A6, 1 x Arbor A2-SS, 1 x Spare Drill
- ✦ Presented in a heavy duty plastic case



### General Purpose Kit - 10tpi Fine Tooth

Part No. 0513006

- ✦ 12 Pieces
- ✦ 1 x 16, 1 x 19, 1 x 22, 1 x 29, 1 x 35, 1 x 44, 1 x 51, 1 x 57, 1 x 67mm
- ✦ 1 x Arbor A6, 1 x Arbor A2-SS, 1 x Spare Drill
- ✦ Presented in a heavy duty plastic case



### Industrial Kit - 10tpi Fine Tooth

Part No. 0513007

- ✦ 15 Pieces
- ✦ 1 x 16, 1 x 19, 1 x 22, 1 x 25, 1 x 29, 1 x 32, 1 x 35, 1 x 38, 1 x 44, 1 x 51, 1 x 64, 1 x 76mm
- ✦ 1 x Arbor A6, 1 x Arbor A2-SS, 1 x Spare Drill
- ✦ Presented in a heavy duty plastic case





## Safety Hole Cutters

### TWIN BLADE ADJUSTABLE SAFETY HOLE CUTTERS

✓ Accurate ✓ Fast ✓ Infinitely Adjustable ✓ Easy to use

Suitable for:

✦ Wood ✦ Wood composites ✦ Plywood ✦ PVC  
✦ Fibreglass ✦ Plaster Board ✦ Acrylic ✦ Ceiling Tiles

- ✦ From 48mm to 426mm
- ✦ Up to 32mm material thickness or 55mm with two side access
- ✦ Reduce dust up to 100%
- ✦ Non-marking silicone-rubber lined bell
- ✦ 10mm hex arbor suits 10mm chucks
- ✦ Compact heavy duty carry case

Each kit includes: Safety protection shield, Arbor with drill bit, 2 x TCT & 2 x HSS Tips, heavy duty plastic carry case, 2 tools for adjustment of tips.

✦ Down lights ✦ Sky lights ✦ Exhaust & Flu piping  
✦ Plumbing pipes ✦ Air vents ✦ Speakers

Size	Part No
48 - 148mm	10148
48 - 230mm	10230
48 - 305mm	10305
48 - 426mm	10426



**TCT Tips (1 pair)**  
Part No. 10223



**HSS Tips (1 pair)**  
Part No. 10222

## TCT Holesaws - Short Series

### Heavy Duty TCT Holesaws - $\varnothing 14$ to 76mm

Premium Holesaws for sheetmetal up to 4mm

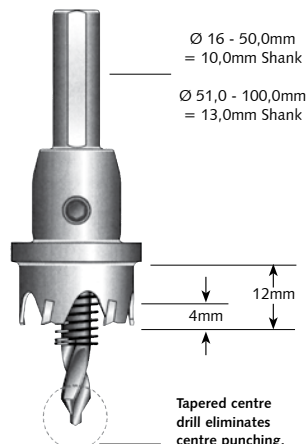
#### Holesaw DIA

16mm - 76mm



Suitable for pipes, vaulted or profile surfaces - even weld seams, stainless steel up to 2mm, mild steel up to 4mm, non-ferrous, plastics, wood up to 12mm.

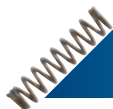
TCT holesaws can be re-sharpened. It is possible, depending on the condition, to replace broken teeth.



#### Spare Drill

Part No. 0602650

- ✦  $\varnothing 6 \times 50\text{mm}$
- ✦ Tapered centre tip



#### Ejector spring

Part No. 0602006

- ✦ Suits 6mm drill



#### TCT Short Series Set

Part No. 0600001

- ✦ 5 TCT Holesaws
- ✦ 1 x 16, 1 x 20, 1 x 25, 1 x 32, 1 x 40mm
- ✦ Presented in a heavy duty plastic case

## TCT Holesaws - FRP Type

### Heavy Duty TCT Holesaws

Premium Multi Purpose Holesaws

#### Holesaw DIA

25mm - 105mm



- ✂ Cutting depth 60mm
- ✂ Fast, accurate & efficient TCT holesaws suitable for a wide range of applications including:
  - Wood
  - Plywood
  - Fibre Glass Reinforced Plastic
  - Plasterboard
  - Hollow gauge Brick/Stone
  - Laminated Board
  - PVC
  - Paper Based Laminate
  - Clay Tiles
  - Aluminium

- ✂ No blocking due to optimal geometry
- ✂ In the event of a tooth breaking, the teeth can be resharpened or replaced, depending on the condition.



**Recommended speeds**

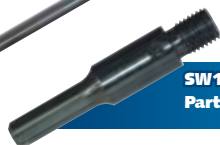
NB: FRP Holesaws, arbors and centre drills are all purchased separately



**Spare Drill Ø 7.2 x 100mm**  
Part No. 0742000003



**Rim Countersink Ø 68mm**  
Part No. 0741068000



**SW12 Arbor**  
Part No. 0742000001



**SDS Arbor**  
Part No. 0742000002

## EXCISION Step Drills



- ✦ Dual-step replaceable tip
- ✦ HSS Co (8% Cobalt) - exceptionally hardwearing, longer lasting
- ✦ Titanium aluminium nitride (TiAlN) coated - an extremely high performance coating recommended for high tensile materials including stainless steel
- ✦ 3 Spiral Flutes - smoother, faster drilling guarantees a clean finish to the hole
- ✦ Can be resharpened

Improved tip with  
extra step



Dependable Precision  
Innovation



### Step Drill 5-20mm

Part No. 26020

### Step Drill 5-40mm

Part No. 26040

### Step Drill 5-30mm

Part No. 26030

### Step Drill 5-50mm

Part No. 26050

### Spare tips - 1 piece

Part No. 26002



# EXCISION Punch & Dies

- Quality precision tooling
- Large stocks
- Fast turn around on specials

 MADE IN ENGLAND

Quality  
Precision  
Tooling



## Punches & Dies

### COMPLETE RANGE OF PUNCH & DIE TOOLING TO SUIT:

Alfra	Ficep	Marksman	Pullmax	Suresharp
Coburn	Gairu	Machine Maker	Punchtech	Thomas
Comaco	Geka	Metalmaster	QPS	TSP (hot work)
Diacro	Henry Pels	Mubea	Rocky	Uni-hydro
Durma	IMS	Nitto Kohki	Sahinler	Valdarno
Dvorak	Isumi	Nova Press	Samurai	Vitte
Edwards	J.R. 65	Omes	Scotchman	Weidemann
Enerpac	Jing Jang	Omera	Selfer	
Fabryka	Kippen	Peddinghaus	Sharp	
Fabtech	Kingsland	Pacific	Stanko	
Femco	Madison	Piranha	Sunrise	

## Excision Die clearance guide:

The following guide can be used as a die clearance guide when punching.

Material Thickness	mm	Up to 4	4-9.5	10-14.5	15-19.5	20-24
Die Clearance	mm	0.2	0.7	1.2	1.7	2.2

**Note:** When you have determined the “Die Clearance” you require, you will need to add this amount to the punch size you are using: Refer example below

#### Example 1:

Punch round  $\varnothing 20\text{mm}$   
Material thickness 12mm

Die clearance 1.2mm  
 $\varnothing 20\text{mm} + 1.2\text{mm} = 21.2\text{mm}$

Die required 21.2mm

#### Example 2:

Punch square 14x14mm  
Material thickness 8mm

Die clearance 0.7mm  
 $14\text{x}14\text{mm} + 0.7\text{mm} = 14.7\text{mm}$

Die required 14.7x14.7mm

**CONTACT EXCISION FOR A FULL  
DETAILED CATALOGUE NOW OR  
[WWW.EXCISION.COM.AU](http://WWW.EXCISION.COM.AU)**



**INSIST ON PREMIUM EXCISION TOOLING!**



Phone: 1800 633 448

Fax: 03 5571 1944

Email: sales@excision.com.au

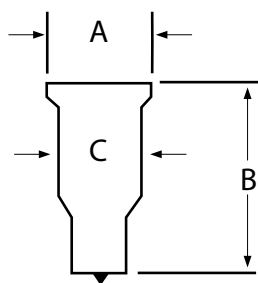
## PUNCH & DIE SPECIALISTS

# PUNCH & DIE SIZE FORM

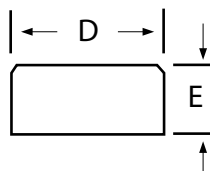
Please complete and return. Thank you

Company Name:	
Address:	
Telephone:	Fax/Email:
Contact Person:	
Machine Type & Model:	
Size of Punches and Dies Required:	

Please add dimensions to the drawing below:



A	
B	
C	



D	
E	

Dimensions in mm.

If you have more than one machine, please make a copy of this.



## On-site Portable Bandsaw Machine



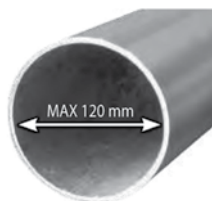
 **Made in Italy**




Part No. 22620 - 1 PHASE (240V)

- ✦ **Spark Free**
- ✦ **German Technology**
- ✦ High performance single phase motor
- ✦ Bandsaw tension knob
- ✦ Ergonomic handle
- ✦ Robust clamping vice
- ✦ Robust base with feet

### Features

- ✦ Up to 60° mitre cutting
- ✦ Deadman trigger switch
- ✦ Variable speed gearbox (35-80 m/min)
- ✦ 120mm vice opening
- ✦ Extremely light - only 18kg
- ✦ 1300W motor (240v)
- ✦ Robust base with rubber feet
- ✦ Cast aluminium saw frame



			
90°	120	112	120 x 102
45°	80	78	78 x 78
60°	50	43	50 x 43
Weight	18kg		
Blade Size	1440 x 13 x 0.6mm		

## EXCISION 180 PGM Bandsaw Machine



**New  
Smaller  
Model**



### Features

- ✦ Up to 60° mitre cutting
- ✦ Quick lock vice
- ✦ Coolant system
- ✦ Digital Display
- ✦ Variable Speed 25-90m/min
- ✦ Includes stand
- ✦ Cast iron saw frame
- ✦ Automatic (variable) down feed
- ✦ Carbide blade guides
- ✦ Low voltage electrics
- ✦ Emergency stop
- ✦ Mechanical blade tension microswitch
- ✦ Includes infeed roller, 500mm adjustable end stop & one blade fitted

Part No. 401180PGM1 - 1 PHASE (240V)

			
90°	180	170	160 x 210
45°	140	140	160 x 140
60°	90	85	160 x 85
Weight	200kg		
Blade Size	2310 x 20 x 0.9mm		



**Made in Turkey**  
12 Month Warranty



## EXCISION 280 PGM Bandsaw Machine





### Features

- ✦ Up to 60° mitre cutting
- ✦ Quick lock vice
- ✦ Coolant system
- ✦ Digital Display
- ✦ Variable-speed 25-100m/min
- ✦ Includes stand
- ✦ Cast iron saw frame
- ✦ Automatic (variable) down feed
- ✦ 250mm vice opening
- ✦ Carbide blade guides
- ✦ Low voltage electrics
- ✦ Emergency stop
- ✦ Mechanical blade tension microswitch
- ✦ Includes infeed roller, 500mm adjustable end stop & one blade fitted

Part No. 401280PGM1 - 1 PHASE (240V)

Part No. 401280PGM3 - 3 PHASE (415V)

 **Made in Turkey**  
12 Month Warranty

			
90°	220	220	240 x 220 250 x 150
15°	220	220	230 x 220 250 x 115
30°	220	205	210 x 150 220 x 100
45°	165	145	165 x 125
60°	105	80	105 x 80
Weight	260kg		
Blade Size	2500 x 27 x 0.9mm		



## EXCISION 280 PGD Bandsaw Machine




**Made in Turkey**

**12 Month Warranty**

### Features

- ✦ Dual mitre 60° to -45°
- ✦ Quick lock vice
- ✦ Coolant system
- ✦ Digital Display
- ✦ Variable-speed 25-100m/min
- ✦ Includes stand
- ✦ Cast iron saw frame
- ✦ Automatic (variable) down feed
- ✦ 250mm vice opening
- ✦ Carbide blade guides
- ✦ Low voltage electrics
- ✦ Emergency stop
- ✦ Mechanical blade tension microswitch
- ✦ Includes infeed roller, 500mm adjustable end stop & one blade fitted

Part No. 401280PGD1 - 1 PHASE (240V)

			
90°	220	220	240 x 220 250 x 150
45°	165	160	200 x 160
60°	105	95	200 x 95
-45°	160	160	200 x 160
Weight	260kg		
Blade Size	2500 x 27 x 0.9mm		



## Semi Automatic Bandsaw Machines




### ZIP 22 D.A.

Part No. 4122240 - 1 PHASE (240V)

Part No. 4122415 - 3 PHASE (415V)

#### Features

- ⬢ Up to 60° mitre cutting
- ⬢ Quick lock vice
- ⬢ Coolant system
- ⬢ Dead man trigger switch
- ⬢ Two speed gearbox (415v only)
- ⬢ Includes stand
- ⬢ Cast iron saw frame
- ⬢ Hydraulic (variable) down feed
- ⬢ 200mm vice opening
- ⬢ Low voltage electrics
- ⬢ Emergency stop
- ⬢ Mechanical blade tension microswitch
- ⬢ Includes infeed support, 500mm adjustable end stop & one blade fitted

ZIP 22 D.A.			
			
90°	180	180	200 x 150
45°	160	110	125 x 110
60°	70	70	70 x 70
Weight	180kg		
Blade Size	2085 x 20 x 0.9mm		



#### Bandsaw Blades

We manufacture Bimetal bandsaw blades to suit all brands and applications.






### ZIP 29 D.A.

Part No. 4129240 - 1 PHASE (240V)

Part No. 4129415 - 3 PHASE (415V)

#### Features

- ⬢ Up to 60° mitre cutting
- ⬢ Quick lock vice
- ⬢ Coolant system
- ⬢ Dead man trigger switch
- ⬢ Two speed gearbox (415v only)
- ⬢ Includes stand
- ⬢ Cast iron saw frame
- ⬢ Hydraulic (variable) down feed
- ⬢ 250mm vice opening
- ⬢ Carbide blade guides
- ⬢ Low voltage electrics
- ⬢ Emergency stop
- ⬢ Mechanical blade tension microswitch
- ⬢ Includes infeed support, 500mm adjustable end stop & one blade fitted

ZIP 29 D.A.			
			
90°	225	200	240 x 160
45°	160	140	155 x 115
60°	90	90	90 x 100
Weight	215kg		
Blade Size	2450 x 27 x 0.9mm		



## Coldsaw Machines

### 250 EXPORT

Part No. 4250240 - 1 PHASE (240V)

#### Features

- 45° mitre cutting
- Coolant system
- Adjustable length stop
- Anti-burr jaw
- Quick lock vice
- Blade speed 40 RPM

250 Export			
			
90°	75	65	90 x 50
45°	60	58	60 x 50
Weight	90kg		
Blade Size	250 x 2.5 x 32mm		



Quality, Performance  
and Durability  
12 Month Warranty




### 315 SUPER CUT

Part No. 4315240 - 1 PHASE (240V)

Part No. 4315415 - 3 PHASE (415V)

#### Features

- 45° (left & right) mitre cutting
- Coolant system
- Adjustable length stop
- Anti-burr jaw
- Quick lock vice
- Blade speed:
  - 1 phase 44 RPM
  - 3 phase 41/82 RPM

315 Super Cut			
			
90°	95	80	100 x 70
45°	90	75	80 x 70
Weight	130kg		
Blade Size	315 x 2.5 x 32mm		



#### Optional Extras



#### Stand Only

250 Export

Part No. 4250001

315 Super Cut

Part No. 4350001



315 Super Cut 240v

Part No. 4315005

315 Super Cut 415v

Part No. 4315006

LVC Deadman  
Trigger Kit\*



## Coldsaw Machines

### 350 SUPER TECHNICS




Part No. 4350240 - 1 PHASE (240V)

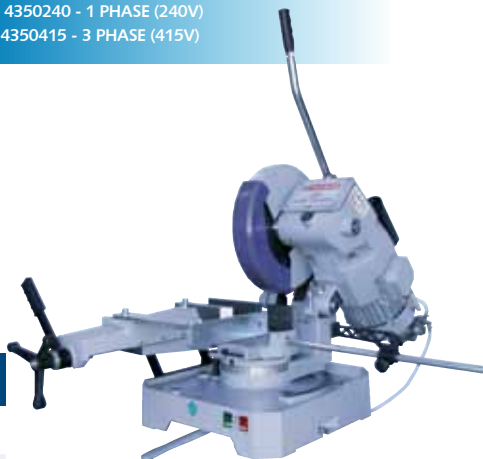
Part No. 4350415 - 3 PHASE (415V)

#### Features

- 45° Left, 0-90° Right mitre cutting
- Coolant system
- Adjustable length stop
- Anti-burr jaw
- 90° slitting
- Quick lock vice
- Full range of options
- Blade speed:
  - 1 phase 44 RPM
  - 3 phase 44/88 RPM

#### 350 Super Technics

			
90°	120	105	160 x 90
45°	100	85	85 x 70
Weight	200kg		
Blade Size	350 x 2.5 x 32mm		



### Optional Extras



#### Stand Only

**350 Super Tech.**  
Part No. 4350001



#### LVC Deadman Trigger Kit\*

**350 Super Tech. 240v**  
Part No. 4350005

**350 Super Tech. 415v**  
Part No. 4350006

\* LVC Deadman Trigger option fitted before despatch

### 350 Super Technics Auto






Semi Automatic Part No. 4351415

Fully Automatic Part No. 4352415

Auto Hitch Feed Magazine Part No. 4352001

Auto Hitch Feed Repeater Part No. 4352002

#### 350 Super Technics S.A.

			
90°	120	105	160 x 90
45°	100	85	85 x 70



## Semi Automatic Bandsaw Machines

### EXCISION KMT 350 KDG SEMI AUTOMATIC

Part No. 3500KMT

### EXCISION KMT 400 KDG SEMI AUTOMATIC

Part No. 4400KMT

#### Features

- ✦ Full semi automatic
- ✦ 60° mitre cutting
- ✦ Hydraulic vice
- ✦ Variable blade speed via frequency inverter 25-90mpm
- ✦ Hydromagnetic blade tension
- ✦ Direct gear driven
- ✦ Roller table included
- ✦ Hydraulic bow lift
- ✦ Automatic bow return and vice release at end of cut



	350 KDG		
90°	350	350	500 x 350 550 x 300
45° L	250	250	400 x 250
60° L	220	220	300 x 220
Weight	1250kg		
Blade Size	4350 x 34 x 1.1mm		

	400 KDG		
90°	400	400	500 x 400 550 x 270
45° L	300	300	400 x 300
60° L	270	270	400 x 270
Weight	1360kg		
Blade Size	4650 x 34 x 1.1mm		

## Semi Automatic Bandsaw Machines

### EXCISION 620 DGS A SEMI AUTOMATIC

Part No. 42620PSAD3

#### Features

- ✦ Variable blade speed via frequency inverter 20-100mpm
- ✦ Full semi automatic with remote PC control unit
- ✦ Double mitre to 60° left & right
- ✦ Hydraulic vice with sensitive pressure
- ✦ Hydraulic bow lift
- ✦ Automatic bow return and vice release at end of cut
- ✦ Hydromechanic blade tension

620 DGS A			
90°	440	440	610 x 440
30° L&R	440	440	500 x 440
45° L&R	410	410	440 x 410
60° L&R	320	285	440 x 285
Weight	1640kg		
Blade Size	5200 x 34 x 1.1mm		



## Semi Automatic Bandsaw Machines

### BIANCO 280M 60G

Part No. 4280M60G

#### Features

- ⬢ Manual or automatic downfeed
- ⬢ Gravity downfeed over hydraulic brake
- ⬢ Base with welded structure
- ⬢ Hardened aluminium bow
- ⬢ Carbide blade guides
- ⬢ Adjustable blade guide blocks
- ⬢ Dead man trigger with low voltage control
- ⬢ Up to 60° mitre cutting
- ⬢ Adjustable length stop
- ⬢ Two cutting speeds 35/70 mpm
- ⬢ Working height 835mm
- ⬢ Coolant system
- ⬢ Three phase 415V



NB: Roller table not included




### BIANCO 420M 60G

Part No. 4420M60G






NB: Roller table not included

#### 280M 60G

			
90°	220	220	260x140
45°R	160	155	160x140
60°R	95	95	95x95
Weight	280kg		
Blade Size	2450 x 27 x 0.9mm		

#### 420M 60G

			
90°	300	260	420x180
45°R	240	230	250x180
60°R	170	170	170x170
Weight	380kg		
Blade Size	3270 x 27 x 0.9mm		

**Suitable for 410mm  
Universal Beam**

# Bianco Automatic Bandsaw Machine



**Save  
Time  
and  
Labour**




Part No. 4330A60

Part No. 4370A60




## Features

- ✦ Hitch feed accuracy +/- 0.2mm
- ✦ Full PLC control
- ✦ Hydraulic operation
- ✦ Up to 60° mitre cutting
- ✦ Hardened aluminium bow
- ✦ Carriage travel 600mm
- ✦ Carbide adjustable blade guides
- ✦ Automatic fast up/down bow control
- ✦ Adjustable pressure according to cutting resistance
- ✦ Material feed with transversal oscillation to facilitate feed of crooked bar

### 330 A60

			
90°	260	220	330x140
45°R	200	190	200x130
60°R	120	115	120x100
Weight	700kg		
Blade Size	3010 x 27 x 0.9mm		

### 370 A60

			
90°	280	240	330x240
45°R	255	215	230x140
60°R	140	140	140x130
Weight	945kg		
Blade Size	3120 x 27 x 0.9mm		

# EXCISION A-2608

## Manual Feed

- ✦ Made in Sweden - quality and reliability
- ✦ Drilling capacity 30mm
- ✦ No. 3 morse taper
- ✦ Very smooth and quiet operation
- ✦ Head rotation 360°
- ✦ 8 Speed - 105 to 2900 RPM
- ✦ 135mm drilling stroke



### A-2608 - Manual Feed

1 Phase (240v)

Part No. 426080240

3 Phase (415v)

Part No. 426080415

- ✦ Drilling Capacity 30mm
- ✦ Complete with MT 3 spindle
- ✦ 1.1kw motor (available in both 240v & 415v)
- ✦ Max spindle travel 150mm
- ✦ Max distance between spindle & table 915mm
- ✦ Table rotation 360°
- ✦ Table size 500 x 300mm
- ✦ Head rotation 360°
- ✦ 8 Speed - 105 to 2900 RPM
- ✦ 180kg weight
- ✦ Safety Emergency stop



### A-2608 M - Auto Feed

Part No. 42608M415

- ✦ Automatic feed drilling
- ✦ Drilling Capacity 30mm
- ✦ Complete with MT 3 spindle
- ✦ 1.1kw motor (415 volt)
- ✦ Max spindle travel 150mm
- ✦ Max distance between spindle & table 915mm
- ✦ Table rotation 360°
- ✦ Table size 500 x 300mm
- ✦ Head rotation 360°
- ✦ 8 Speed - 105 to 2900 RPM
- ✦ 200kg weight
- ✦ Safety Emergency stop



## Heavy Duty Industrial Geared Head Drills

### A-3808 M - AUTO FEED

Part No. 43808M415

- ⬢ Automatic feed drilling
- ⬢ Drilling Capacity 40mm
- ⬢ Complete with MT 4 spindle
- ⬢ 2.0kw motor (415 volt)
- ⬢ Max spindle travel 150mm
- ⬢ Max distance between spindle & table 980mm
- ⬢ Table rotation 360°
- ⬢ Table size 500 x 400mm
- ⬢ Head rotation 360°
- ⬢ 8 Speed - 75 to 3010 RPM
- ⬢ 290kg weight
- ⬢ Safety Emergency stop



### A-4008 M - AUTO FEED

Part No. 44008M415

- ⬢ Automatic feed drilling
- ⬢ Drilling Capacity 50mm
- ⬢ Complete with MT 4 spindle
- ⬢ 2.2kw motor (415 volt)
- ⬢ Max spindle travel 190mm
- ⬢ Max distance between spindle & table 980mm
- ⬢ Table fixed
- ⬢ Table size 500 x 400mm
- ⬢ Head fixed
- ⬢ 8 Speed - 90 to 1500 RPM
- ⬢ 310kg weight
- ⬢ Safety Emergency stop





MADE IN GERMANY



# ALFRA APS 120 Hydraulic Punch & Pump



- ✦ Punch diameter up to 25mm
- ✦ Max material thickness 16mm\*
- ✦ Only 35kg
- ✦ Punching power 44 t
- ✦ Total punching time with pump  
SC 05 11: approx 16 sec  
SC 17 : approx 5 sec
- ✦ Includes: control cable,  
hydraulic hose (5m), tools,  
depth fence, suspension hook,  
one punch & die Set (ø22mm)







## Hydraulic Punch & Pump - Double Acting

### PUNCH APS 60

Part No. 23001

- ✦ Punch Diameter up to 18mm
- ✦ Max material thickness 10mm\*
- ✦ Only 17kg
- ✦ Punching power 22 t
- ✦ Total punching time with Pump SC 05 11: approx 7 sec  
SC 17 : approx 4 sec
- ✦ Includes: Control Cable, Hydraulic Hose (5m), Tools and one Punch & Die Set (ø14mm)



### PUNCH APS 70

Part No. 23002

- ✦ Punch Diameter up to 22mm
- ✦ Max material thickness 13mm\*
- ✦ Only 21kg
- ✦ Punching power 30 t
- ✦ Total punching time with Pump SC 05 11: approx 10 sec  
SC 17 : approx 4 sec
- ✦ Includes: Control Cable, Hydraulic Hose (5m), Tools, depth fence, suspension hook, one Punch & Die Set (ø18mm)



### PUMP SC 05 11 B

Part No. 23007

- ✦ Suits all APS single acting models
- ✦ Max Pressure: 750 bar / 10670 psi
- ✦ Pump Capacity: 0.94 Lt/min at 2770 rpm
- ✦ Pump weighs 27kg
- ✦ Powerful 1100W motor
- ✦ Oil Quantity: 5Lt-



### PUMP SC 17

Part No. 23170

- ✦ Suits all APS single acting models
- ✦ Max Pressure: 750 bar / 10670 psi
- ✦ Pump Capacity: 1.5 Lt/min at 1370 rpm
- ✦ Pump weighs 45kg
- ✦ Powerful 1500W motor
- ✦ Oil Quantity: 17Lt



## Hydraulic Punch & Pump - Double Acting

### PUNCH APS 110D

Part No. 23181

- ✦ Punch Diameter up to 25mm
- ✦ Max material thickness 16mm\*
- ✦ Only 35kg
- ✦ Punching power 44 t
- ✦ Total punching time with Pump SC 17D : appox 8 sec
- ✦ Includes: Control Cable, Hydraulic Hose (5m), Tools, depth fence, suspension hook, one Punch & Die Set (ø22mm)

\*Based on Steel Grade ST 42



### PUMP SC 17D

Part No. 23186

- ✦ Suits APS 110D
- ✦ Max Pressure: 750 bar / 10670 psi
- ✦ Pump Capacity: 1.4 Lt/min at 1370 rpm
- ✦ Pump weighs 47kg
- ✦ Powerful 1500W motor
- ✦ Oil quantity: 17Lt



### Service Boy

Part No. 23160

### Spring Hoist

15-20kg

Part No. 23150

20-25kg

Part No. 23151

35-45kg

Part No. 23152



### APS-GO

Part No. 23155



The APS-Go allows the punching unit to move effortlessly along the workpiece. Heavy duty rollers and ergonomic handles ensure efficient and safe operation.

- ✦ Dimensions (L x W x H): 515 x 365 x 290mm
- ✦ Weight: 6kg





## Bevel Milling Machine

### SKF 63-15

Part No. 25010

- ❖ Exceptionally high powered 1100W motor 240V
- ❖ 15° - 60° continuously adjustable
- ❖ 15mm max bevel width
- ❖ Light weight and portable - only 21kg
- ❖ Chatter free/burn free cutting
- ❖ Automatic safety shut-off
- ❖ Suitable for steel, chrome, nickel alloys, cast iron and non-ferrous metals
- ❖ Includes: Transport Case, 1 set of tools



## Automatic Bevel Milling Machine

### SKS 15 AUTO

Part No. 25950

- ⦿ Self feeding
- ⦿ Exceptionally high powered 1500W motor 240V
- ⦿ 15° - 50° continuously adjustable
- ⦿ 0.5 - 15mm max bevel width
- ⦿ Material thickness between 5 - 40mm
- ⦿ Weight 88kg
- ⦿ Automatic safety shut-off
- ⦿ Suitable for mild steel, stainless steel, aluminium
- ⦿ Includes: 1 shearing knife (25952) & a set of tools



Pictured with Manipulator





## ALFRA KFK 5



- Extremely high powered 1530w motor
- 45° bevel angle with optional 30° and radius (2.5mm)
- 5mm max bevel (depending on material)
- Light weight and portable - only 4kg
- 4,200-11,000 RPM with soft start and thermal overload protection
- Includes: transport case, 45° milling head and inserts, 1 set of tools



Initial Bore as from Ø 20mm



## Bevelling / Deburring Machines

### KFH 150

Part No. 25100

- ✦ High powered 1050W motor
- ✦ 45° bevel angle
- ✦ 1-5mm bevel width (depending on material)
- ✦ Very light weight and portable - only 3.5kg
- ✦ 8,000 - 25,000 RPM



### KFH 250

Part No. 25130

- ✦ High powered 1800W motor
- ✦ 30° - 45° - 60° adjustable bevel angle and radius (3, 4, 5mm)
- ✦ 14mm max bevel width depending on material
- ✦ Light weight and portable - only 12.8kg
- ✦ 2,500 - 22,500 RPM



Available with 45° or 30° angle heads or a 2.5mm radius

### KFT 250

Part No. 25110

- ✦ High powered 1050W motor
- ✦ 45° bevel angle and radius (3, 4, 5mm)
- ✦ 5mm bevel width (depending on material)
- ✦ Total weight 5 kg
- ✦ 8,000 - 25,000 RPM
- ✦ Foot Switch (optional) Part No: 25116



### KFT 500

Part No. 25140

- ✦ High powered 1800W motor
- ✦ 45° bevel angle and radius (3, 4, 5mm)
- ✦ 14mm max bevel width (depending on material)
- ✦ Total weight 18 kg
- ✦ 2,500 - 22,500 RPM
- ✦ Foot Switch (optional) Part No: 25116



## ACCESORIES TO SUIT SKF 63-15



### Standard Insert

Part No. 25013

Suits Alfa SKF 63-15 and most competitors products

### Spare Milling Head

Part No. 25012

Suits Alfa SKF 63 and most competitors products



### Tube Attachment

(Ø 140 - 390mm)

Part No. 25014

### Tube Attachment

(Ø 140 - 2000mm)

Part No. 25014A

## ACCESORIES TO SUIT SKS 15 AUTO



### Manipulator

Complete with locking device

Part No.

25960



### Shearing Knife Eco

HSS

Part No.

25952



### Shearing Knife

HSS Premium quality

Part No.

25951

## ACCESSORIES TO SUIT KFK 5



### Standard Insert

Part No. 25206

Suits both 45° and 30° insert holders

### Heavy Duty Insert

Part No. 25209

Suits both 45° and 30° insert holders, for cutting stainless steel

### 2.5mm Radius

Suits only 45°

Part No. 25205

### 30° Insert Holder

No inserts included

Part No. 25203

### 45° Insert Holder

Also suits radius inserts  
No inserts included

Part No. 25202







## CARBIDE END MILLS TO SUIT KFH 150, KFT 250

### Ø 8mm, 3 cutting edges Part No. 25150

End mill with larger chip spaces, suitable for wide bevels (up to 7 mm) on soft materials i.e. aluminium, brass, plastics, wood. Universal use on mild steel, stainless steel up to a bevel width of 5 mm



### Ø 8mm, 4 cutting edges Part No. 25151

Suitable for wide bevels (up to 5 mm). Universal use on mild steel, stainless steel, non-ferrous metals, plastics



### Ø 8mm, 4 cutting edges Part No. 25154

Rough toothing, fine knurl. Universal End Mill for mild steel, cast iron, stainless steel when reducing speed.



## CARBIDE END MILLS SET TO SUIT KFH 150, KFT 250

### Part No. 25159

Contents: 5 Carbide end mills Incl. 25150, 25151, 25152, 25153, 25154  
Ideal for initial setup.



## CARBIDE END MILLS TO SUIT KFH 150 & KFT 500



### Ø 12mm, 4 cutting edges Part No. 25161

End Mill with larger chip spaces, suitable for wide bevels (up to 14 mm) on soft materials i.e. aluminium, brass, plastics, wood.



### Ø 12mm, 6 cutting edges Part No. 25162

Suitable for bevels (up to 8 mm). Universal use on mild steel, stainless steel, non-ferrous metals, plastics



### Ø 12mm, 4 cutting edges Part No. 25163

Rough toothing, fine knurl. Universal End Mill for mild steel, cast iron, stainless steel when reducing speed.



## CARBIDE END MILL SET TO SUIT KFH 250, KFT 500

### Part No. 25169

Contents: 5 Carbide end mills Incl. 25160, 25161, 25162, 25163, 25164  
Ideal for initial setup.



## CARBIDE END MILLS TO SUIT KFH 250, KFT 500

### Ø 12mm, 3mm radius Part No. 25165

### Ø 12mm, 4mm radius Part No. 25166

### Ø 12mm, 5mm radius Part No. 25167



## Heavy Duty Bench Grinding Machines

### KE 150 BENCH GRINDER

Part No. 253711001



#### 5-Year Kepp Motor Guarantee

- 5 year Motor Guarantee
- 2 grinding wheels - 150 x 25mm
- Water container in base for cooling ground objects
- Powerful 500w motor (240 volt)
- Grinding wheel speed 3000 RPM
- 14.3kg weight
- Safety switch with circuit breaker



### KE200 BENCH GRINDER

Part No. 252711001

- 5 year Motor Guarantee
- 2 grinding wheels - 200 x 25mm
- Water container in base for cooling ground objects
- Powerful 650w motor (240 volt)
- Grinding wheel speed 3000 RPM
- 18.3kg weight
- Safety switch with circuit breaker



#### OTHER MODELS AVAILABLE:



## K150 Belt Grinder



Part No. 430234140

- ✧ 5 year Motor Guarantee
- ✧ 1 grinding belt - 2000 x 150mm
- ✧ Tool-less quick belt change system
- ✧ Powerful 3.0kW motor (415 volt) with safety motor brake
- ✧ Large surface grinding table
- ✧ Grinding belt speed 3000 RPM
- ✧ 100kg weight
- ✧ Safety switch with circuit breaker

### KX150 Belt Grinder with Dust Extraction

Part No. 430234240

- ✧ Same as above but with built-in double dust extraction
- ✧ 630m<sup>3</sup>/h suction power
- ✧ Includes dust bag
- ✧ Total 114kg weight











## Heavy Duty Industrial Belt Grinding Machines

### K75 BELT GRINDER

Part No. 430232130





-  **5-Year Kepp Motor Guarantee**
-  **3-Second Safety Motor Brake**

-  5 year Motor Guarantee
-  1 grinding belt - 2000 x 75mm
-  Tool-less quick belt change system
-  Powerful 3.0kW motor (415 volt) with safety motor brake
-  Large surface grinding table
-  Grinding belt speed 3000 RPM
-  76kg weight
-  Safety switch with circuit breaker



### KX 75 BELT GRINDER WITH EXTRACTION










Part No. 430232230

-  Same as above but with built-in double dust extraction
-  630m³/h suction power
-  Includes dust bag
-  Total 90kg weight



### KV150 BELT GRINDER





Part No. 430234141

-  Horizontal/Vertical mode with reversible motor
-  5 year Motor Guarantee
-  1 grinding belt - 2000 x 150mm
-  Tool-less quick belt change system
-  Powerful 3.6kW motor (415 volt) with safety motor brake
-  Large surface grinding table
-  Grinding belt speed 3000 RPM
-  90kg weight
-  Safety switch with circuit breaker



### KVX 150 BELT GRINDER WITH EXTRACTION

Part No. 430234241












-  Same as above but with built-in double dust extraction
-  630m³/h suction power
-  Includes dust bag
-  Total 110kg weight



## Heavy Duty Industrial Belt Grinding Machines

### KBR150 BELT GRINDER W/PIPE NOTCHING





-  **5-Year Kepp Motor Guarantee**
-  **3-Second Safety Motor Brake**

-  Pipe notcher for all types of pipes including round, square and solid
-  Diameters between 17 and 100mm
-  Grinding angles from 0° - 60°
-  5 year Motor Guarantee
-  1 grinding belt - 2000 x 150mm
-  Tool-less quick belt change system
-  Powerful 3.6kW motor (415 volt) with safety motor brake
-  Large surface grinding table
-  Grinding belt speed 3000 RPM
-  140kg weight
-  Safety switch with circuit breaker



### KBRX150 BELT GRINDER W/PIPE NOTCHING W/EXTRACTION

Part No. 430234249


-  Same as above but with built-in dust extraction
-  600m³/h suction power
-  Includes dust bag
-  Total 154kg weight

### CONVERSION KIT FOR KBR150

Part No. 1056117

### CONVERSION KIT FOR KBRX150

Part No. 1056118

-  Convert pipe notcher to standard belt grinder



# ALLCLEAR Clearmaster Fume Filter Unit

Part No. 978002



**Fume extraction unit with mechanical filter and  
360° pivoting 3m suction arm**

- ✦ Unique 4 filter step system including activated carbon filter
- ✦ 360° pivoting arm
- ✦ 2500m<sup>3</sup>/hr max volume flow
- ✦ 2500pa pressure
- ✦ 1.1kw motor 240v (1ph)
- ✦ Guarantees a separation efficiency of 99.997%
- ✦ 3m suction arm with internal self support joints and hood
- ✦ Light weight and with large wheels – easy to move around the factory floor
- ✦ w:580mm x d:580mm x h:900mm
- ✦ 72kg weight
- ✦ Includes filter elements, 3m suction arm hose type (ø150mm) with internal self support joints and hood as pictured



#### 4 Filter Steps

1. Preliminary Filter - Part No. 978003
2. Prefilter - Part No. 978004
3. Activated Carbon Filter - Part No. 978006
4. Main Filter - Part No. 978005



## High Vacuum Filter Units

### Torchmaster HK - Auto Start/Stop

High vacuum cartridge filter unit for suction of fumes and dust at the source

- ⊕ Automatic start/stop via electric current sense technology
- ⊕ 280m³/hr max volume flow
- ⊕ Up to 21000pa pressure
- ⊕ 2 x 50mm diameter inlet
- ⊕ Motor power 1.1kw (1ph) motor
- ⊕ w:300mm x d:300mm x h:679mm
- ⊕ 25kg weight
- ⊕ Fully variable speed control
- ⊕ Guarantees a separation efficiency over 99%
- ⊕ Ideal for confined areas and onsite applications
- ⊕ Also available with fully automatic filter cleaner (\$POA)

Part No.

9790155597



Auto start/stop  
electric current sensor

### Optional Extras - High Vacuum Units



**250mm Hopper Nozzle**

Part No. 96317

- ⊕ 250mm wide with magnetic base



**100mm Round Nozzle**

Part No. 963171

- ⊕ 100mm with magnetic base



**300mm Slit Nozzle**

Part No. 96318

- ⊕ 300mm wide with magnetic base



**600mm Slit Nozzle**

Part No. 963186

- ⊕ 600mm wide with magnetic base



**Connection Socket**

Part No. 12203

- ⊕ Suits 45mm diam. hose



**Suction Hose - ø45mm**

Length: 2.5m

Part No. 9631925

Length: 5m

Part No. 9631950

Length: 10m

Part No. 9631910

- ⊕ Temperature resistant up to 80°C
- ⊕ Flexible PVC suction hose
- ⊕ Suits Torchmaster, Strongmaster MV, Cartmaster MV



## Filter Units - Cartridge

### Cartmaster

Cartridge filter unit with fully automatic dedusting - The professional solution for large quantities of fume and dust

- Pre-separator - stop large particles from getting caught in the filter
- Long lasting cartridge filter with huge filter surface - 10m<sup>2</sup>
- 3000m<sup>3</sup>/hr max volume flow
- 3000pa pressure
- 1.5kw (3ph) motor
- w:665mm x d:981mm x h:1265mm
- Guarantees a separation efficiency over 99%
- 160kg weight
- Includes cartridge filter element, 3m suction arm hose type (ø150mm) with internal joints and hood as pictured

**Part No.**

97000101



### Cartmaster - 2 Arm

- Long lasting double cartridge filter with huge filter surface - 20m<sup>2</sup>
- 3500m<sup>3</sup>/hr max volume flow
- 2.2kw (3ph) motor
- w:665mm x d:981mm x h:1625mm
- 190kg weight
- Includes 2 x cartridge filter element, 2 x 3m suction arm hose type (ø150mm) with internal joints and hood.

\* Pictured with 2 x suction arms - pipe type with external joints \$POA

**Part No.**

97015101



**Automatic Filter Cleaning**  
Specially developed dedusting system guarantees optimal separation efficiency, low maintenance, increased filter life.

## Optional Extras - Low Vacuum Units

### Spark Arrestor

- Suits 150mm dia hose

**Part No.**

95014901610



## Filter Units - Cartridge

### Caremaster WM

**Stationary mechanical filter unit**

- ✦ 2500m<sup>3</sup>/hr max volume flow
- ✦ 3500pa pressure
- ✦ 1.1kw (3ph) motor
- ✦ Extensive pre-filter mat
- ✦ w:665mm x d:681mm x h:940mm
- ✦ Guarantees a separation efficiency over 99%
- ✦ 122kg weight
- ✦ Includes Filter element, 3m suction arm hose type (ø150mm) with internal joints, hood, filter and wall bracket as pictured

**Part No.**

**97400101**



### Cartmaster WM

**Stationary cartridge filter unit with fully automatic dedusting, the professional solution for large amounts of fume and dust - BGIA-Certified**

- ✦ Pre-separator - stop big particles getting caught in the filter
- ✦ Long lasting cartridge filter with huge filter surface - 15.6m<sup>2</sup>
- ✦ 3000m<sup>3</sup>/hr max volume flow
- ✦ 3000pa pressure
- ✦ 1.5kw (3ph) motor
- ✦ w:665mm x d:681mm x h:2057mm
- ✦ Guarantees a separation efficiency over 99%
- ✦ 130kg weight
- ✦ Includes 2 x Cartridge filter elements, 3m suction arm hose type (ø150mm) with internal joints, hood, silencer, and wall bracket as pictured

**Part No.**

**97500101**



### Cartmaster WM - 2 Arm

- ✦ Long lasting double cartridge filters with huge filter surface - 20m<sup>2</sup>
- ✦ 3500m<sup>3</sup>/hr max volume flow
- ✦ 2500pa pressure
- ✦ 2.2kw (3ph) motor
- ✦ w:665mm x d:681mm x h:2100mm
- ✦ 165kg weight
- ✦ Includes 2 x Cartridge filter elements, 2 x 3m suction arm hose type (ø150mm) with internal joints, hood, silencer, and wall bracket as pictured

**Part No.**

**97510101**



**Automatic Filter Cleaning**  
Specially developed dedusting system guarantees optimal separation efficiency, low maintenance, increased filter life.

## Fans

### Fanmaster - 2000m<sup>3</sup>/hr 240v

- 0.75kw (1ph) motor
- w:449mm x d:438mm x h:410mm
- Static and dynamic balanced impellers
- 27kg weight
- ø160mm intake connection nozzle

**Part No.****9610123**

### Fanmaster - 2500m<sup>3</sup>/hr 240v

- 1.1kw (1ph) motor
- w:449mm x d:438mm x h:410mm
- Static and dynamic balanced impellers
- 27kg weight
- ø160mm intake connection nozzle

**Part No.****9610223**

### Fanmaster - 2500m<sup>3</sup>/hr 415v

- 1.1kw (3ph) motor
- w:449mm x d:438mm x h:410mm
- Static and dynamic balanced impellers
- 27kg weight
- ø160mm intake connection nozzle

**Part No.****961024**

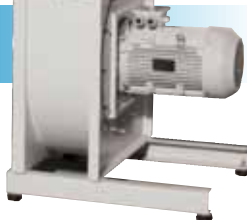
### Fanmaster - 3500m<sup>3</sup>/hr 415v

- 2.2kw (3ph) motor
- w:615mm x d:650mm x h:570mm
- Static and dynamic balanced impellers
- 45kg weight
- ø250mm intake connection nozzle

**Part No.****961044**

### Fanmaster - 4000m<sup>3</sup>/hr 415v

- 3.0kw (3ph) motor
- w:615mm x d:650mm x h:670mm
- Static and dynamic balanced impellers
- 50kg weight
- ø315mm intake connection nozzle

**Part No.****961054**

## Suction Arms & Hose

The Allclear suction arms are suitable for connection to extraction fans, mobile filter units and ducted filter systems. These arms are easily positioned and remain self supported in the adjusted position.

### Pivoting Suction Arms - ø150mm

- Temperature resistant up to 120°C
- Flexible PVC suction hose with welded steel wire coil
- Suits Clearmaster, Cleanmaster, Caremaster, Strongmaster, Cartmaster, Fanmaster

For mobile filter units. Includes adaptor and hood.

Length	2m	3m	4m
<b>Part No.</b>	976010001	976020001	976030001



NB: Fan not included

For wall assembly suction fans. Includes wall mounting bracket, 90° elbow and hood

Length	2m	3m	4m
<b>Part No.</b>	97601	97602	97603

- Available in other lengths up to 12m

### Telescopic Suction Arm - ø150mm

Length: 1.2-2.1m

- Temperature resistant up to 120°C
- Flexible PVC suction hose with welded steel wire coil
- Includes wall mounting bracket and hood

<b>Part No.</b>	97616
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Scan for replacement Filters



## EXCISION FX Xtreme Clamp

- ✚ XTREME FORCE - LESS EFFORT
- ✚ Lifetime guarantee
- ✚ Patented Design - improved performance through innovation
- ✚ Maximised efficiency and outstanding durability



- ✚ Internal ball bearing mechanism - no resistance for optimal performance



- ✚ Totally sealed - longer tool life
- ✚ Permanent lubrication - lifetime guarantee
- ✚ Trapezoidal thread - increased efficiency



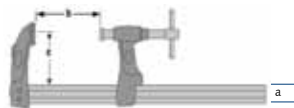
- ✚ Hardened steel bar brake for a braking system of total confidence.

 Made in Spain

**Xtreme  
Force,  
Less  
Effort**



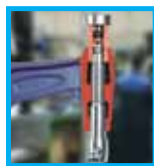
## FX Xtreme Clamps



Solid Bar (a - mm)	Bar Opening (b - mm)	Jaw Depth (c - mm)	Clamping Force (kg)	Part No.
30 x 8	200	95	800	321200095
30 x 8	300	95	800	321300095
35 x 8	200	120	1200	321200120
35 x 8	300	120	1200	321300120
35 x 8	400	120	1200	321400120
35 x 8	600	120	1200	321600120
35 x 8	800	120	1200	321800120
35 x 8	1000	120	1200	3211000120
35 x 8	1200	120	1200	3211200120
40 x 10	400	140	1800	321400140
40 x 10	600	140	1800	321600140



- ✦ Powerful clamping force with less effort
- ✦ High precision clamping
- ✦ Trapezoidal thread - totally sealed and permanently lubricated
- ✦ Suited to all environments and applications including welding, working with fluids, humid or salty atmosphere
- ✦ Hardened steel bar brake
- ✦ Made in Spain



## HX Hydraulic Clamps



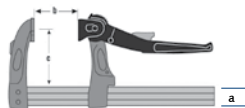
Solid Bar (a - mm)	Bar Opening (b - mm)	Jaw Depth (c - mm)	Clamping Force (kg)	Part No.
35 x 8	300	120	1000	322300
35 x 8	500	120	1000	322500

- ✦ Powerful clamping force up 1000kgs
- ✦ Minimal effort - use with a single hand
- ✦ 360° clamping lever rotation
- ✦ Hardened steel bar brake
- ✦ Made in Spain





## LX Lever Clamps



Solid Bar (a - mm)	Bar Opening (b - mm)	Jaw Depth (c - mm)	Clamping Force (kg)	Part No.
35 x 8	400	120	1000	323400
35 x 8	600	120	1000	323600

- ✦ Powerful clamping with less effort
- ✦ Quick locking, eccentric lever action with easy release trigger
- ✦ High precision clamping
- ✦ Suited to all environments and applications including welding, outdoor or gluing
- ✦ Hardened steel bar brake
- ✦ Made in Spain



## Magnetic Jaw Attachments

- ✦ Magnetic jaws for non-parallel clamping applications such as tube
- ✦ Swivel for difficult angles and applications
- ✦ For use with the FX Xtreme clamps

Part No.	321001
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## VX Super Vice Clamp



Bar Profile (mm)	Bar Opening (a - mm)	Jaws (Lxh - mm)	Clamping Force (kg)	Part No.
80 x 42	1500	110 x 80	2000	3251500
80 x 42	2000	110 x 80	2000	3252000
80 x 42	2500	110 x 80	2000	3252500

- Maximal clamping force with double brake
- Hardened steel bar brakes for guaranteed non-slip clamping
- Ideal for larger work where higher pressure is required
- Extra Heavy Duty steel bar
- Made in Spain



- To adjust sliding jaw position:
1. Lift handle to tilt forward
  2. Slide the jaw to the desired position

## Trestles for VX Super Vice Clamps

- Ideal for on-site applications
- 800mm height x 600mm wide

Part No.	325001
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# Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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