

Catalogue

Diemaking



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DCR-1 GB-03-2014

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A large grid of small blue dots, intended for technical drawing or data entry.

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DCR-1 GB-03-2014

Introduction

Dicar B.V., specializing in Paper and Board converting technology was founded in 1973 as Container Technics and became a part of the American Dicar Group in 2000. The Container Technics name is now used as a brand name for diemaking products.

Our mission:

We are supplier to the global corrugated board industry. For our customers we create easy access to our product ranges and our organization.

We achieve this by:

- An extensive distribution system
- Local sales people and agents
- Local stocks

This catalogue provides an overview of our most popular products and also a brief description of each part number indicated.

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Rotary cutting rules

Forme Cut (ZIMMER)

CHARACTERISTICS

Forme Cut is available in 8 or 10 TPI and is manufactured from shaved edge steel, which is further precision ground to give a symmetrical double bevel finish.

An ideal rotary rule for diemakers who prefer to work with center bevel materials on today's new generation of automated rule processors. Whilst this particular type of bevel reduces the amount of pressure required to cut, the blade is further enhanced by the use of edge-hardened steel improving wear characteristics. Forme Cut, though developed to cut a broad range of materials, works extremely well in the cutting of corrugated board with rotary tooling.



Due to Forme Cut's unique rule profile additional benefits include:

- Better blanket life
- Improved machine efficiencies
- Superior stripping performance
- Minimal edge crush and paper dust
- Excellent bending characteristics

Type	Height	Pts	TPI	Dia.
S.N.N.	23.80 – 32.00 .937" - 1.250"	3 / 4 / 6	8 / 10	
S.N.	23.80 – 32.00 .937" - 1.250"	3 / 4 / 6	8 / 10	
Curved Notched	23.80 – 32.00 .937" - 1.250"	3 / 4 / 6	8 / 10	Any
Curved No notched	23.80 – 32.00 .937" - 1.250"	3 / 4 / 6	8 / 10	From Ø 270



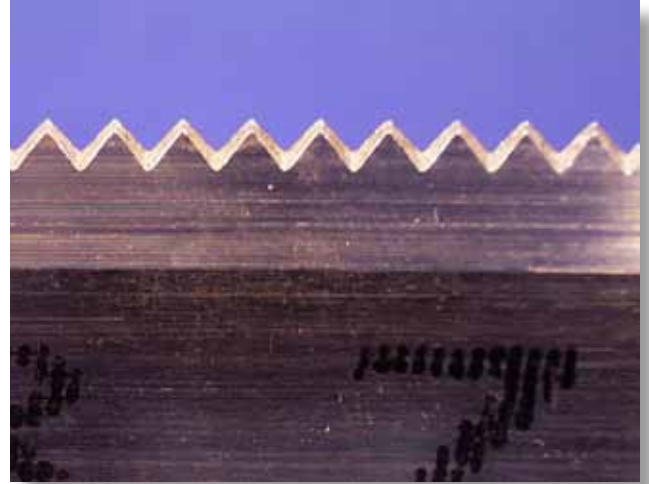
Rotary cutting rules

12 TPI (ZIMMER)

CHARACTERISTICS

This Zimmer® standard 12 TPI rule is already very well known as the most common cutting rule in the corrugated industry. The performance of this rule is dated from the early sixties and is still a very reliable rule.

- Cuts with less pressure
- Can be used on a wide variety of materials
- Available in the most common heights and thicknesses



Type	Height	Pts	TPI	Dia.
S.N.N.	23.80 – 32.00 .937" - 1.250"	3 / 4	8 / 10 / 12	
S.N.	23.80 – 32.00 .937" - 1.250"	3 / 4	8 / 10 / 12	
Curved Notched	23.80 – 32.00 .937" - 1.250"	3 / 4	8 / 10 / 12	Any
Curved No notched	23.80 – 32.00 .937" - 1.250"	3 / 4	8 / 10 / 12	From Ø 270



Rotary cutting rules

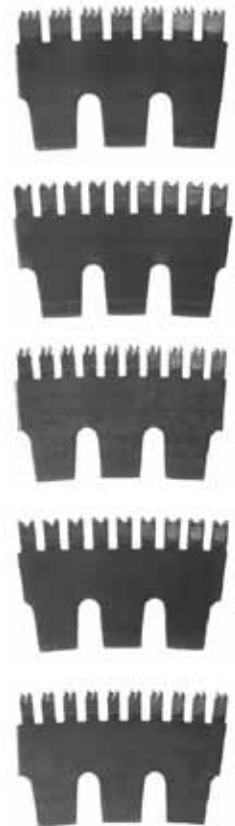
Bundle breaker rules

CHARACTERISTICS

The Bundle Breaker Family has been designed exclusively by National Steel Rule to provide a systematic solution for managing in-line bundle separation equipment. These dynamic micro-perfs work equally well for "by hand" applications.



Type	Cut size	Gap size	% Hold	Basic rule in TPI
Ex Light	3.94 mm	1.14 mm	23%	20
Light	3.07 mm	1.14 mm	27%	12
Medium	2.67 mm	1.14 mm	30%	20
Heavy	2.82 mm	1.40 mm	33%	12
Ex Heavy	2.41 mm	1.40 mm	37%	20



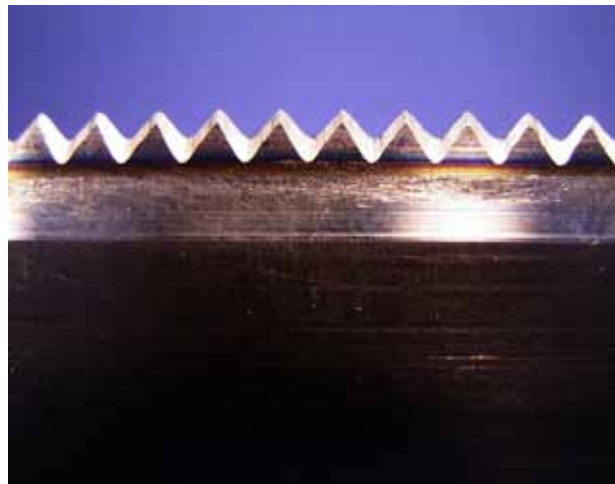
Rotary cutting rules

E-con-cut 12 TPI

CHARACTERISTICS

A lower priced alternative for the most common rule design in rotary diecutting.
This rule is easy to bend and has edge hardened 12 TPI teeth.

- Edge hardened teeth
- Easy to curve or bend
- Good price - quality ratio



Type	Height	Pts	TPI	Dia.
S.N.N.	23.80 – 26.40 .937" - 1.039"	4	12	-
S.N.	23.80 – 26.40 .937" - 1.039"	4	12	-
Curved Notched	23.80 – 26.40 .937" - 1.039"	4	12	Any



Creasing profiles

Creasing profiles

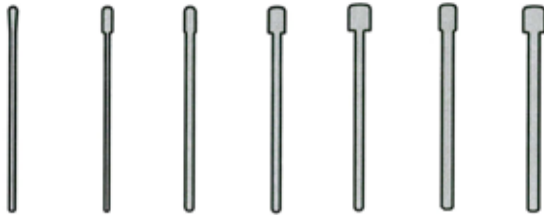
CHARACTERISTICS

Standard creasing rules with tight tolerances. For flat and rotary diecutting forms.

Available in all sizes.

Specialty creasing rules only available in the configurations:

- Cut-Crease
- Perforation and Micro-perforation
- "Container Cap" creasing rule / laser crease



Micro Trak

CHARACTERISTICS

New creasing rule "Micro Trak.

We can produce almost any standard and "Micro Trak" creasing rule.

Micro Trak is a creasing rule with a special processed top.

Micro Trak can bring a solution against liner cracking when creasing parallel to the flute. This creasing profile has a better grip on the board and keeps the sheet straight in the machine.

Attractive for 180° folds.



Pertinax CF 2x EGGS

CHARACTERISTICS

This pertinax material has a wide variety in thicknesses and is available in basic as well as self-adhesive. It is produced from a calibrated paper with a layer of glass fiber on both sides. Format tolerance 0 / -30 mm
Tolerance in thickness +/- 0.03 mm

- 2 layers of fiber, very homogeneous hardness
- Always the highest milling results
- Constant thickness
- With or without self-adhesive Long lifetime



Part number Basic	Part number Self-adhesive	Thickness	Sheet Size
1069.2030.0000	1069.2030.0000	0.30 mm	1070 x 1070 mm
1069.2040.0000	1069.2040.0000	0.40 mm	1070 x 1070 mm
1069.2045.0000	1069.2045.0000	0.45 mm	1070 x 1070 mm
1069.2050.0000	1069.2050.0000	0.50 mm	1070 x 1070 mm
1069.2055.0000	1069.2055.0000	0.55 mm	1070 x 1070 mm
1069.2060.0000	1069.2060.0000	0.60 mm	1070 x 1070 mm
1069.2065.0000	1069.2065.0000	0.65 mm	1070 x 1070 mm
1069.2070.0000	1069.2070.0000	0.70 mm	1070 x 1070 mm
1069.2075.0000	1069.2075.0000	0.75 mm	1070 x 1070 mm
1069.2080.0000	1069.2080.0000	0.80 mm	1070 x 1070 mm
1069.2085.0000	1069.2085.0000	0.85 mm	1070 x 1070 mm
1069.2090.0000	1069.2090.0000	0.90 mm	1070 x 1070 mm
1069.2095.0000	1069.2095.0000	0.95 mm	1070 x 1070 mm
1069.2100.0000	1069.2100.0000	1.00 mm	1070 x 1070 mm
1069.2110.0000	1069.2110.0000	1.10 mm	1070 x 1070 mm
1069.2120.0000	1069.2120.0000	1.20 mm	1070 x 1070 mm
1069.2130.0000	1069.2130.0000	1.30 mm	1070 x 1070 mm
1069.2140.0000	1069.2140.0000	1.40 mm	1070 x 1070 mm

Make ready paper and drawing foil

Make ready paper

CHARACTERISTICS

High Quality make-ready paper consisting off 3 layers, 2 papers separated by a synthetic layer which makes it very strong and improves the lifespan.

- Calibrated
- Can be used on a wide variety of materials
- Heat and moisture resistant
- Strong
- Dimensional stability
- Long lifetime
- Easy to use
- 3-Layers - 2 papers separated by a synthetic layer

Product	Thickness.	Width	Roll
1079.1512.1055	0.105 mm	1200 mm	50 m



Drawing foil

CHARACTERISTICS

Can be used for pen plotter as well as inkjet plotter

Product	Thickness.	Width	Roll
1079.1500.7120	0.07 mm	1200 mm	50 m



A large grid of small blue dots arranged in approximately 20 rows and 40 columns, intended for handwritten notes or calculations.

Ejection rubbers, closed cell

Product	Hardness ±10	Heights	Type	Remark
Saturn 1165.3	60 Sh. oo	6-8-10-11-12- 14-16-19	Cell/cell	Grey NR/SBR
Mars 1165.1	55 Sh. oo	6-8-10-11-12- 14-16-19	Skin/cell	Red CR
Taurus 1165.2	55 Sh. oo	6-8-10-11-12- 14-16-19	Skin/cell	Black
Ceres 1165.5	53 Sh. oo	8-11-13-14- 15-19	Cell/cell	Grey EPDM/SBR
Orion 1164.4 1164.3	62 Sh. oo	11&14	Skin/cell Cell/cel	Black EPDM



Ejection open cell rubbers



Product	Hardness approx.	Heights	Type	Remark
Scorpio 1168.3	20-25 Sh. A	4-6-7-8-9,5-11- 12,7-16	Skin/cell	Red
Capricorn 1168.4	25-30 Sh. A	4-6-7-8-9,5-11- 12,7-16	Skin/cell	Blue
Pisces 1168.5	30-35 Sh. A	4-6-7-8-9,5-11- 12,7-16	Skin/cell	Pink
Gemini 1168.6	35-40 Sh. A	4-6-7-8-9,5-11- 12,7-16	Skin/cell	Grey

Rubber, info

Sizes

Available rubber heights can be delivered in sheets or converted to smaller sheets, strips or blocks.

All types also can be delivered as self-adhesive

Type	Width mm	Length mm
Sheets	1000	1000
	1000	500
	500	250
Strips, straight	8 / 10 / 11 / 12	500
	14 / 16 / 19	
Strips, wavy	11 / 13 / 15 / 18	500
Blocks	11	25 / 30 / 50
	12	34
	16	34
	19	34
	20	40
	30	30
	30	30
	30	50



Box content

Open cell rubber and Orion Closed cell rubber are converted and sold per m².

The other closed cell types Saturn, Taurus, Mars and Ceres if converted to strips or blocks, are sold per box.

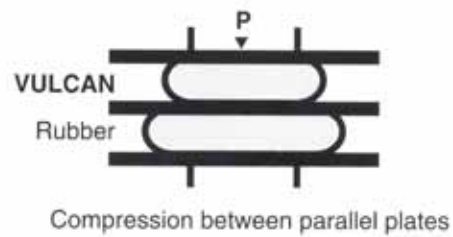
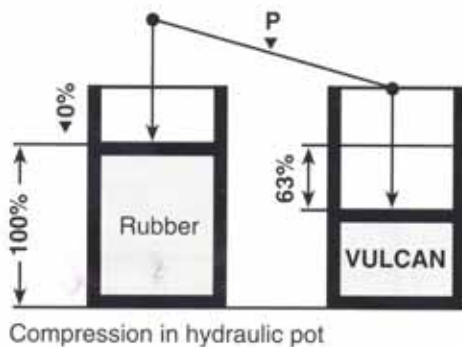
Height in mm.	Nr of layers.	M2 per box
6	14	1.750
7	13	1.625
8	11	1.375
10	9	1.125
11	8	1.000
12	7	0.875
14	7	0.875
16	6	0.750
19	5	0.625

Vulcell

CHARACTERISTICS

Vulcell is a polyurethane elastomere with a micro cellular structure.

This combination of material and cell structure makes Vulcell a superb wear resistant material that has minimum sideways expansion when compressed to as little as 40% of its original thickness. It is therefore ideally suited for slots and small difficult to strip waste areas



Elastomers / specials



Type	1 – 60 mm in any common thickness		
RG 40 - 50 - 60	Height	Width	Length
Sheet	1 – 25 any 25 – 60 on request	500 500 700	250 500 550
Straight	7 / 8 / 10 / 11 / 12 13 / 14 / 16 / 19 / 30	1 to 12	500
Wavy	11 / 13 / 15 / 18	1 to 11	500
Blocks	1 to 18	11 19 20 30	25 / 30 / 50 34 40 30
Castalated + wavy sheets	13 / 17	250	500



Product	Hardness approx.	Heights	Type	Remark
Vulcell 1160.	RG 40 RG 50 RG 60	1 to 30	Cell/cell	See page 17
Hercules 1161.5	24 Sh. A	6-30	Cell/cell	

Creasing profiles

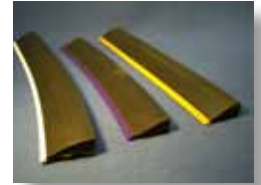
Hard cushion crease

CHARACTERISTICS

Profiles extrusion designed to minimize score fracture on corrugated board. Colour coded edge easily identifies the height. 13 available sizes from 4.5 - 11.0 mm. Works well in heavier liners.

Shore A 70 ± 3

Item no.	Thickness		Colour
	Inches	mm	
1167.3131.9045	0.180	4.5	Brown
1167.3132.2050	0.200	5.0	Red
1141.8112.5057	0.225	5.7	Grey
1141.8112.6065	0.260	6.5	Yellow
1141.8112.6070	0.280	7.0	Green
1141.8112.6075	0.300	7.5	Gold
1141.8112.6080	0.315	8.0	Blue
1141.8112.6085	0.335	8.5	Purple
1141.8112.6090	0.355	9.0	Orange
1141.8112.6095	0.375	9.5	White
1141.8112.6100	0.395	10.0	Pink
1141.8112.6105	0.415	10.5	Transparent
1141.8112.6110	0.435	11.0	Beige



Soft container crease

CHARACTERISTICS

Profiled extrusion with relief hole throughout. Soft and more forgiving. Benefits lightweight liners.

Shore A 60 ± 3

Item no.	Thickness	
	Inches	mm
1167.2131.5070	0.280	7.0
1167.2131.4075	0.300	7.5
1167.2131.5080	0.315	8.0
1167.2131.9095	0.375	9.5



Euro crease

CHARACTERISTICS

With 1 mm step for positioning alongside the rule. Ideally suited for tight areas.

Shore A 65 ± 3

Item no.	Thickness	
	Inches	mm
1167.4130.8060	0.240	6.0
1167.4130.8070	0.280	7.0
1167.4131.0080	0.315	8.0
1167.4131.0090	0.355	9.0



Creasing profiles

Sprint rubber

CHARACTERISTICS

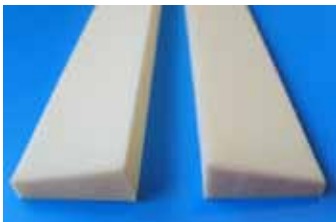
Profiles designed to minimize score fracture on corrugated board.

Part number	Description
1167.5120.0073	7.3 mm, 30 m/box
1167.5120.0095	9.5 mm, 30 m/box
1167.6120.5070	5x7 mm, 20 m/box

Elasto crease

CHARACTERISTICS

Profiles designed to minimize score fracture on corrugated board.



Part number	Description
	RG 45, Sh. 35
1142.4012.0100	500 x 20 x 10/2 mm, RG 45 = Sh.35
1142.4012.0101	500 x 20 x 10/5 mm, RG 45 = Sh.35
1142.4012.0120	500 x 20 x 12/5 mm, RG 45 = Sh.35
1142.4013.0080	500 x 30 x 8/5 mm, RG 45 = Sh.35
1142.4013.0090	500 x 30 x 9/7 mm, RG 45 = Sh.35
1142.4013.0100	500 x 30 x 10/5 mm, RG 45 = Sh.35
1143.4013.0120	500 x 30 x 12/5 mm, RG 45 = Sh.35
1143.4013.0140	500 x 30 x 14/5 mm, RG 45 = Sh.35
	RG 35, Sh. 25
1142.5012.0099	500 x 20 x 10/2 mm, RG 35 = Sh.25
1142.5013.0080	500 x 30 x 8/5 mm, RG 35 = Sh.25
1142.5013.0090	500 x 30 x 9/7 mm, RG 35 = Sh.25
1142.5013.0100	500 x 30 x 10/5 mm, RG 35 = Sh.25
1142.5013.0120	500 x 30 x 12/5 mm, RG 35 = Sh.25
1142.5013.0140	500 x 30 x 14/5 mm, RG 35 = Sh.25
	RG 55, Sh. 45
1142.6013.0120	500 x 30 x 12/5 mm, RG 55 = Sh.45
1142.6013.0140	500 x 30 x 14/5 mm, RG 55 = Sh.45

Creasing profiles

Corkrubber profiles

CHARACTERISTICS

Minimum order quantity 100 meter
Shore A 65 ± 3



Part number	Description
1145.7210.5075	Width 5 mm, Height 7 mm, Length 640 mm Extended foot
1145.7210.7070	Width 7 mm, Height 7 mm, Length 640 mm Extended foot
1145.7210.7100	Width 7 mm, Height 10 mm, Length 1000 mm Extended foot
1145.7211.100	Width 10 mm, Height 10 mm, Length 1000 mm Extended foot
1145.7610.5070	Width 5 mm, Height 7 mm, Length 1000 mm
1145.7610.7070	Width 7 mm, Height 7 mm, Length 1000 mm
1145.7611.0100	Width 10 mm, Height 10 mm, Length 1000 mm
1145.7511.2100	Width 12 mm, Height 10 mm, Length 1000 mm

Creasing profiles

2-90 Scores

CHARACTERISTICS

An easy and effective way of accomplishing reverse scores with soft anvil rotary dies creates a score that fold in either direction. Primarily developed to eliminate the use of perforating where 180° folds are required for auto gluing machines, great for applications where crease must fold and unfold multiple times on collapsible boxes.

This patent pending product requires less force to hold, and fold down flaps during gluing operations, thereby improving gluer performance.



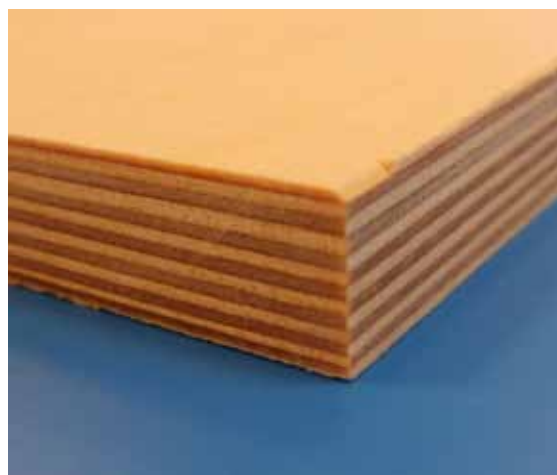
	Part number	Description	Height	Gap
	1143.0020.4110	Blue Two-ninety score for single wall	11.00 mm	4 mm
	1143.0020.6105	Green Two-ninety score for single wall +.	10.5 mm	6 mm
	1143.0020.8101	Red Two-ninety score for double wall	10.1 mm	8 mm
	1143.0020.9101	Orange Two-ninety score for single wall	10.1 mm	9 mm

Plywood

for flat dies

CHARACTERISTICS

Panneaux en bouleau de Pologne.
Disponible en brute ou vernis.
Qualité pour découpe au Laser.



Reference Standard	Reference coated	Dimensions	Number of layers	Quantity per pallet
419.912.231	419.912.230	2230x1530x12mm	13	33 pieces
419.915.231	419.915.230	2230x1530x15mm	15	27 pieces
419.918.231	419.918.230	2230x1530x18mm	18	22 pieces

Plywood, rotary

Plywood

CHARACTERISTICS

This long grain die shell is constructed out of 100% beech veneer.

The new production method combined with high quality materials has the following advantages:

- Consistent thickness tolerance, improving dimension accuracy
- Superior rule holding and bridge strength
- Improving potential to re-knife or carrying out alterations
- Improved dimensional stability
- Minimising possibility of twisting
- Suitable for both laser and sawing applications
- Highest possible quality at affordable prices



Diemaking - flatbed

Description	Application	Item no.
Spacers	23 mm 25 mm 28 mm	407.160.083 407.160.084 407.160.085
Centring Block Red	For lower stripping forme	407.160.110
Centring Block Black	For upper stripping forme	407.160.150
Centring Block Quick Fix Blue	Fast locking frames	407.160.180
Centring Strengtheners	Wood 12 mm Wood 15 mm Wood 18 mm	407.160.212 407.160.215 407.160.218
Pan Head Screw	For mounting centring blocks	1951.0240.0130
Clamp Block	Plastic, without nut	407.160.310
Alu-U-Profile	Combi two cut outs, for left and right use	407.160.410
T-nuts	T-nut unthreaded Ø 6.75 mm T-nut M4 x 6 mm T-nut M6 x 9 mm	407.160.990 407.160.994 407.160.996
Steel Stripper Pins	High quality, tight tolerance stripping pins. Standard pins (flat) or speed strip pins (pointed top). Base Ø 4 mm long 15 mm Overall pin length 50 mm with various Ø from 2 mm till 8.0 mm.	1071.5015.xxxx



Diemaking - flatbed

Description	Application	Item no.	Hole	Length
Heavy Duty Trim Break Knife	Solid performance auto platin strippers	1052.1012.1001	6.0 mm	65 mm
Elongated Trim Break Knife	Easy to adjust to any preferred length	1052.1012.1002	6.0 mm	175 mm
Folding Carton Trim Break Knife	For left and right side	1052.1012.1003L 1052.1012.1004R	6.0 mm	60 mm
S/S Side trim Break Knife	Stainless steel / Left and right	1052.1012.1005L 1052.1012.1006R	5.5 mm	68 mm



Description	Application	Item no.	Parts
Centerline bolt & nut	Nut 3 hole / Length 50 mm	1055.1019.2050 1055.1020.2050 1055.1021.2050	Complete Bolt Nut
Meurer bolt & nut	Nut 4 hole / Length 43 mm	407.160.020 407.160.020A 407.160.010B	Complete Bolt Nut
Centerline bolt & nut	Nut 4 hole / Length 21 mm	407.160.030 407.160.030A 1055.1021.2050	Complete Bolt Nut



Description	Application	Item no.	Parts
Quick Lock Mushroom Screw		1052.1010.1000	



DuraCorner

**Corner protection for
15 and 18 mm plywood**

CHARACTERISTICS

- Prevents corner damage
- No injuries due to splinters
- Easy colour coding/branding
- Easy stocking
- Easy positioning



Partnumber	for plywood	Colour	Ral
1079.1000.0150	15 mm	Red	3020
1079.1000.0151	15 mm	Blue	5015
1079.1000.0152	15 mm	Green	6024
1079.1000.0153	15 mm	White	
1079.1000.0154	15 mm	Black	
1079.1000.0180	18 mm	Red	3020
1079.1000.0181	18 mm	Blue	5015
1079.1000.0182	18 mm	Green	6024
1079.1000.0183	18 mm	White	
1079.1000.0184	18 mm	Black	

Parts for dies with suction pumps

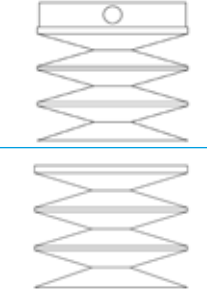
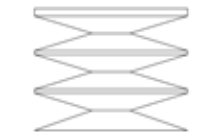
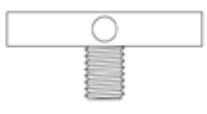
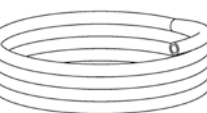
Suction pumps & parts

CHARACTERISTICS

These Suction pumps have a diameter of 40 mm. The base is made from flexible rubber. This gives a faster suction movement, which means higher production speed.

The foot has a longer threaded pin, which gives more hold onto the base.



Description	Item no.	Dia Ø	
Base and Foot complete	416.940.960C	40 mm	
Base	416.940.960	40 mm	
Foot	416.940.980	40 mm	
Tube	499.001.001	6 mm	

Diemaking - rotary

Description	Application	Measure	Item no.
Speedmount	Oval Round Round	10 x 15 mm Ø 11.0 mm Ø 8.50 mm	405.009.310 405.009.311 405.009.208
Drive in Washer	Small	Ø 10/22 mm	405.009.109
Posilock Washer	Big	Ø 12/30 mm	405.009.110
Mounting bolt		M8 x 25	1951.0508.0260
Machine bolt with captive washer		M8	200.090.001
Rule Guards Plates	Steel set 4		1052.2016.1000
Rule Guards Plates	Plastic set 4		1052.2017.2000
DicarLock	Bundle rule clamp		



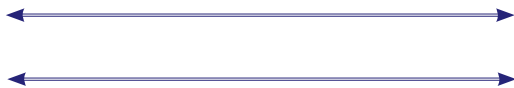
Diemaking - rotary

Description	Application	Measure	Item no.
Martin Posilock hoops, HP Cast	Martin 1628 Martin 1228 Martin 924 Martin 718	Ø 487 Ø 366 Ø 270 Ø 177	1078.2040.0487C 1078.2040.0366C 1078.2040.0270C 1078.2040.0177C
Posilock Washer	Martin hoops	Ø 18 mm	405.025.007
Posilock Bolt	Martin hoops	M6 x 20 M6 x 22 M6 x 25	1951.0306.0200 1951.0306.0220 1951.0306.0250
Texo Rapid System	Texo	L 2500 mm L 3000 mm L 3500 mm	405.025.010 405.025.010A 405.025.010B
Texo Mounting Bolt	Texo	M8 x 20 M8 x 25	1951.0308.0200 1951.0308.0250
Washer	Texo	Ø 8.5 mm	1951.0000.0108
Lockring	Serrapid	ø 45 x 2.5 mm	1079.2330.4503



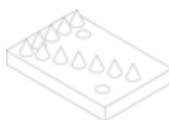
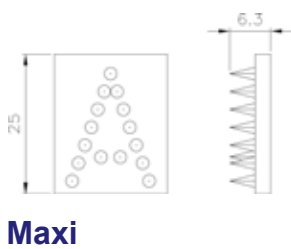
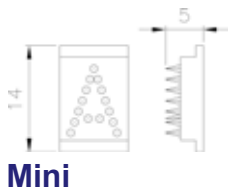
Various diemaking materials

From/ von/ de:



Perfa-Types

Letters & Numbers



	Resy	Green point	Track	Stops	Strips
Mini		X			
Max				X	

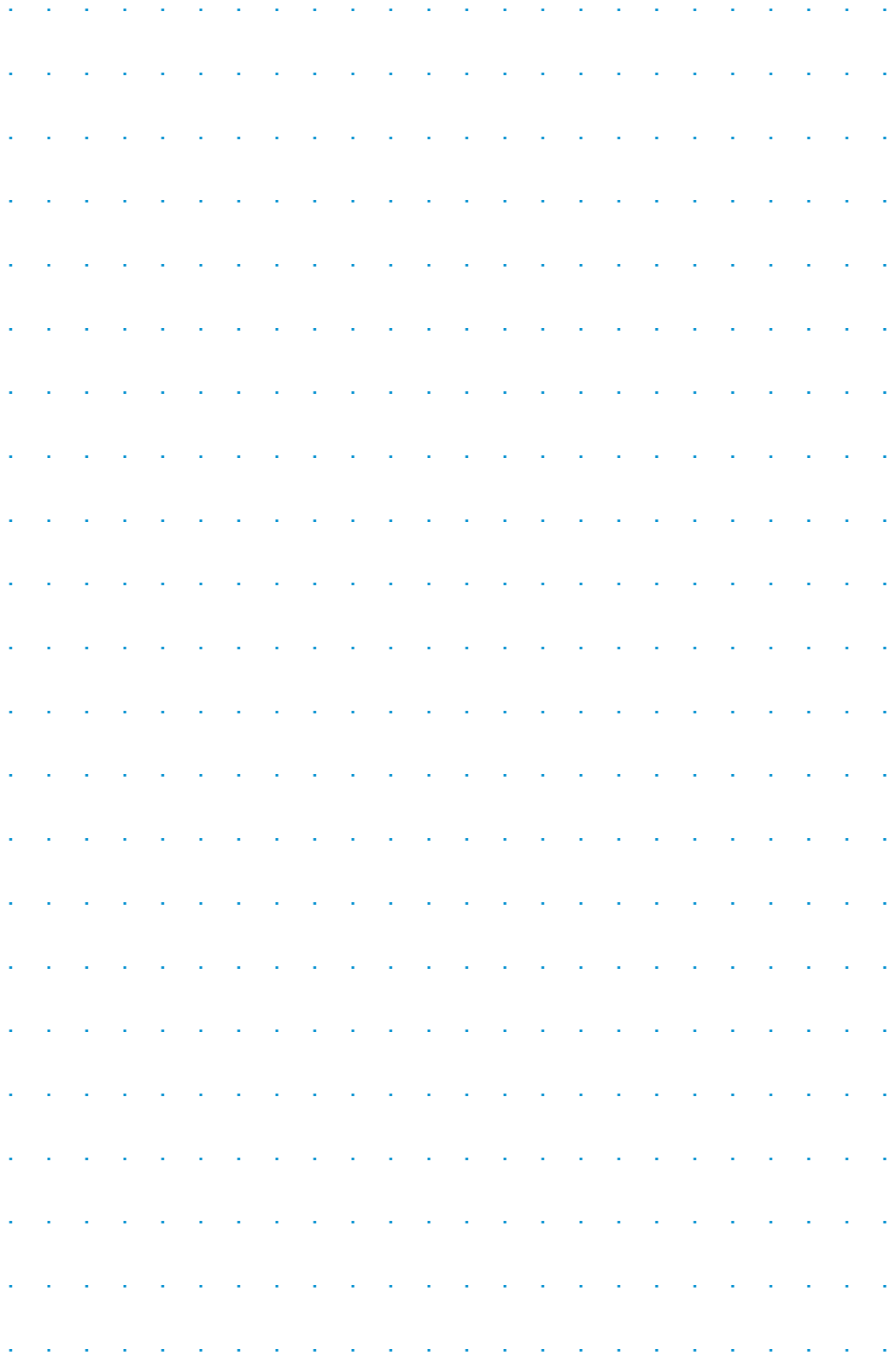
	A	B	C	D	E	F	G	H	I	J	K	L	M
Mini													
Max													

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Mini													
Max													

	1	2	3	4	5	6	7	8	9	0	&	-	/
Mini													
Max													

413.980.103A	Mount profile Bleu L=1m x 1 mm	
200.090.298	Mount profile Green L=1,5m x 2 mm	
413.980.103B	Mount profile Yellow L=1.5m x 3 mm	

USE THIS SHEET TO PLACE YOUR ORDER



Mallets PU

CHARACTERISTICS

PU hammers are made from high quality polyurethane.

In comparison with the raw-hide mallets, these mallets show a significant increase in lifetime. At the same time, no deformation of the teeth occurs.

- Long lifetime,
- More dead power,
- No deformation of teeth,
- Only head needs replacing.

These mallets are available in the following types:

For Rotary	Item no.	Dia	Length	Weight
Complete	405.001.015	70 mm	115 mm	710 gr.
Single head	405.001.115	70 mm	115 mm	600 gr.
For Flatbed	Item no.	Dia	Length	Weight
Complete	405.001.014	50 mm	125 mm	400 gr.
Single head	405.001.114	50 mm	125 mm	335 gr.
With inserts	Item no.	Dia	Length	Weight
Complete	2054.1008.4040	38 mm	105 mm	550 gr.
Insert only	2054.1008.4380	38 mm	40 mm	50 gr.



Mallets Rawhide

CHARACTERISTICS

The tough buffle hide structure will guarantee a long life of the mallets.

Item no.	Dia	Length	Weight
405.001.003	45 mm	85 mm	260 gr.
405.001.004	50 mm	90 mm	340 gr.
405.001.005	70 mm	115 mm	650 gr.



Tools and machinery

Extractor 2000

Rule Puller

CHARACTERISTICS

The extractor rule puller is a special tool for professional diemakers to carry out repair jobs. Pulls rule straight up, does not ruin kerf. Hand positions are safely away from cutting rule.

	Item no.
Rule puller	405.005.020
Spare set of jaws	405.005.022
Jaws small version	405.005.023
Screw	405.005.901



Extractor 3000

Rule Puller

CHARACTERISTICS

The extractor rule puller is a pneumatic operated special tool for professional diemakers to carry out repair jobs. Pulls rule straight up, does not ruin kerf. Hand positions are safely away from cutting rule. Pneumatic assistit

	Item no.
Rule puller	405.005.120
Spare set of jaws	405.005.022
Jaws small version	405.005.023
Screw	405.005.901



Easy 87

Rule Puller

CHARACTERISTICS

The rule puller eliminates the problem of withdrawing steel rule, even from old formes when oxidation would normally make extraction very difficult.

A special leverage system creates a huge clamping and extraction force which is normally more than enough to withdraw even the most difficult rules.

The rule puller applies a uniform pulling action which will not distort the rule or damage the edges.

It is practical, strong, efficient and safe.

	Item no.
Rule puller	405.005.050



Rule puller

CHARACTERISTICS

This rule puller has a special 25 mm jaw with a 15 mm deep throat.

A double action power grip guarantees greater leverage. The jaws are hardened for a long lifetime.

	Item no.
Rule puller	405.005.001



Pinch dog

CHARACTERISTICS

For joining plywood shells together while drawing or ruling the die. This to assure optimum fit of the rules on a two piece die.

	Item no.
Pinch dog	405.002.001



Tools and machinery

UNIQUE nick-notcher

Pneumatic/ Electric

The Unique Nick grinders have been designed for easy and precise nicking steel rules operations.

	Item no.
Nick-notcher Pneumatic Up-to 40.000 RPM at 6,5 bar Uses disks ø50 x 8 mm with thickness from 0.2 to 1.5 mm	2057.1601.0000
Nick-notcher Electric, 600 Watt Up-to 40.000 RPM at 6,5 bar Uses disks ø50 x 8 mm with thickness from 0.2 to 2.0 mm	2057.1602.0000



Quick nick-notcher

Pneumatic/ Electric

CHARACTERISTICS

Quick nick is a useful tool for nicking steel rule in a secure way.
Makes clean, burr free nicks.

Quick nick	Item no.
Electric	405.999.088
Pneumatic	405.999.089



Grinding disks

CHARACTERISTICS

Dicar has a wide range of grinding disks, which will fit in the most standard Nick Grinders.

The full range of item numbers starts with (2051).



Thickness	Ø 50 mm ø 6 mm	Ø 50 mm ø 8 mm	Ø 50 mm ø 10 mm	Ø 35 mm ø 7 mm	Ø 35 mm ø 6/9 mm	Sold per Box
0.2 mm	(2051).1050.0602	1050.0802	1050.1002	1035.0702	1035.6902	25
0.3 mm	1050.0603	1050.0803	1050.1003	1035.0703	1035.6903	25
0.4 mm	1050.0604	1050.0804	1050.1004	1035.0704	1035.6904	25
0.5 mm	1050.0605	1050.0805	1050.1005	1035.0705	1035.6905	25
0.6 mm	1050.0606	1050.0806	1050.1006	1035.0706	1035.6906	25
0.7 mm	1050.0607	1050.0807	1050.1007	1035.0707	1035.6907	25
0.8 mm	1050.0608	1050.0808	1050.1008	1035.0708	1035.6908	25
0.9 mm	1050.0609	1050.0809	1050.1009	1035.0709	1035.6909	25
1.0 mm	1050.0610	1050.0810	1050.1010	1035.0710	1035.6910	25
1.1 mm	1050.0611	1050.0811	1050.1011	1035.0711	1035.6911	25
1.2 mm	1050.0612	1050.0812	1050.1012	1035.0712	1035.6912	25
1.3 mm	1050.0613	1050.0813	1050.1013	1035.0713	1035.6913	25
1.4 mm	1050.0614	1050.0814	1050.1014	1035.0714	1035.6914	25
1.5 mm	1050.0615	1050.0815	1050.1015	1035.0715	1035.6915	25
1.6 mm	1050.0616	1050.0816	1050.1016	1035.0716	1035.6916	25
1.7 mm	1050.0617	1050.0817	1050.1017	1035.0717	1035.6917	25
1.8 mm	1050.0618	1050.0818	1050.1018	1035.0718	1035.6918	25
1.9 mm	1050.0619	1050.0819	1050.1019	1035.0719	1035.6919	25
2.0 mm	1050.0620	1050.0820	1050.1020	1035.0720	1035.6920	25
2.5 mm	1050.0625	1050.0825	1050.1025	1035.0725	1035.6925	25
3.0 mm	1050.0630	1050.0830	1050.1030	1035.0730	1035.6930	20

Tools and machinery

Dicar Superglue

CHARACTERISTICS

based on cyano-acrylate

Glue your rubber and elastomer products to your dies in seconds with our cyano-acrylate based glues.

We like to advice 2 types, a thin and a thick type. Try and choose the most suitable type for you.



Type	Part no.	
Glue, cyano-acrylate CA10 (thin)	1079.0320.0110	50 gr
Glue, cyano-acrylate CA100 (thick)	1079.0320.0111	50 gr
Glue, cyano-acrylate CA10 (thin)	1079.0320.0112	500 gr
Glue, cyano-acrylate CA100 (thick)	1079.0320.0113	500 gr

Dicar Latex glue

CHARACTERISTICS

water based latex glue

Glue your rubber and elastomer products to your dies in seconds with our cyano-acrylate based glues.



Diemakers glue gun

CHARACTERISTICS

Container closed Cell and Container Slot Elastomere can be glued in seconds, with hotmelt. No environmental risk due to solvent vapours.

The glue gun can be connected to a 220 V electric outlet. Glue is available in sticks and can easily be pushed in from the back of the gun.

Type	Part no.	
Latex glue, bottle	405.008.011	0.5Lr
Latex glue, can	405.008.012	5L

Type	Part no.
Glue gun	405.008.001
Glue sticks (p/kg) Per 5 kg = ± 257 pcs	405.008.004



Die mounting hole drills

CHARACTERISTICS

The best way to mount plywood shells on the die cylinder is still with flathead bolts. They prevent that two parts of the die are pushed away. To drill the holes for these bolts in one step, special hardened drills are available. To keep the plywood in optimum state, die washers can be mounted. Flathead bolts with washers will prevent the popping open from shells, creating hang-up points for scrap. Do not use sunken head screws.



Type	Part no.	Ø mm
Die drill	405.031.006	6 / 15
Die drill	405.031.007	8 / 25
Die drill	405.031.008	8 / 25
Die drill	405.031.010	10 / 25
Die drill	405.031.012A	12 / 25
Die drill	405.031.012	12 / 30

Pocket scribe

CHARACTERISTICS

Pocket scribe with hardened tip

Type	Part no.
Pocket scribe	2055.0001.0001
Replacement tip	2055.0001.0011



Strapping belt

CHARACTERISTICS

Strapping belts are used to mount the plywood shells on the cylinder. They are used to reduce the time to mount the plywood on the diemaking cylinder. For diemakers with a jigsaw fixture, they are used to mount the wood on the support disks.

Type	Part no.
Strapping belt	402.GR2.502



Tools and machinery

Pneumatic tools

Staple gun (Corrugated fasteners)

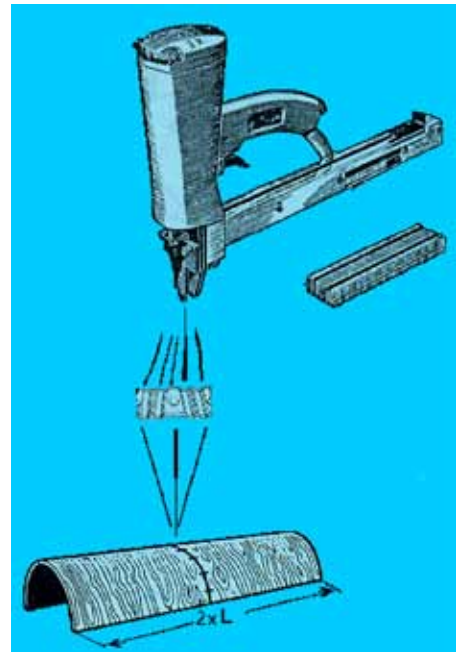
CHARACTERISTICS

For extending the plywood shell.

For axial extension of our plywood shells tapered corrugated fasteners are available. With the airpowered staple gun and the tapered fasteners cinch the plywood shells together. A very rigid joining is the result.

The staples are made of special spring-steel to keep the two parts together, even under the highest load.

Type	Part no.
Staple gun	405.007.001
Fastener 10 mm (1000 pcs)	405.007.002
Fastener 12 mm (1000 pcs)	405.007.003



Staple gun (standard)

Not only in the die, but also on the die, materials have to be mounted. To mount surface scoring profiles from aluminium or plastic, or rubber creasing profiles on the die, this tool can be used.

It is pneumatically operated and can use different lengths of staples for various applications

Type	Part no.
Staple gun	2059.0006.0001
Staples 10 mm (5000 pcs.)	2059.0006.0010
Staples 15 mm (7.000 pcs.)	2059.0006.0011
Staples 10 mm (5000 pcs.) *	405.006.002
Staples 15 mm (10.000 pcs.) *	405.006.003

* for old style staple gun

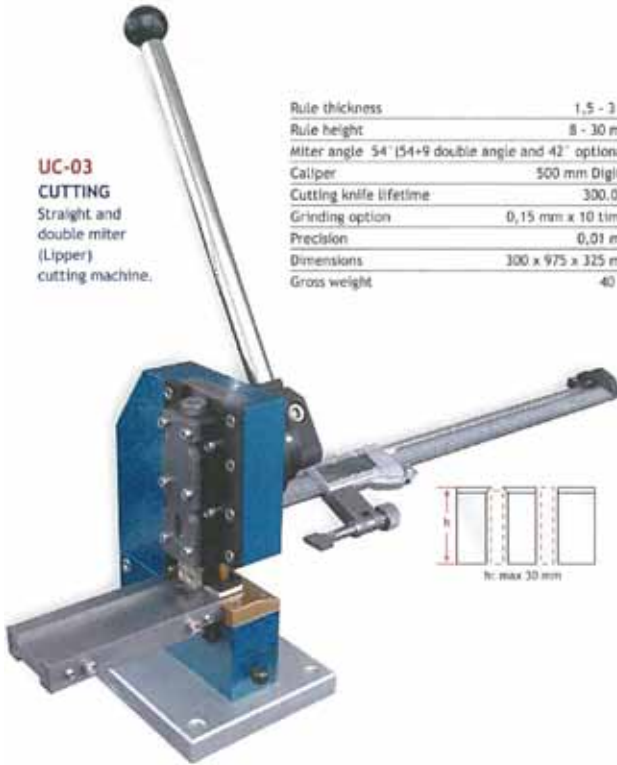


Dieroom Equipment

UC-03 CUTTING

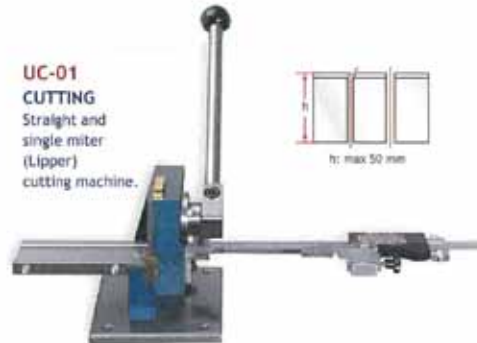
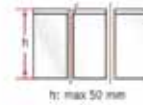
Straight and double miter (Lipper) cutting machine.

Rule thickness	1,5 - 3 pt
Rule height	8 - 30 mm
Miter angle	54° (54+9 double angle and 42° optional)
Caliper	500 mm Digital
Cutting knife lifetime	300.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	300 x 975 x 325 mm
Gross weight	40 kg



UC-01 CUTTING

Straight and single miter (Lipper) cutting machine.

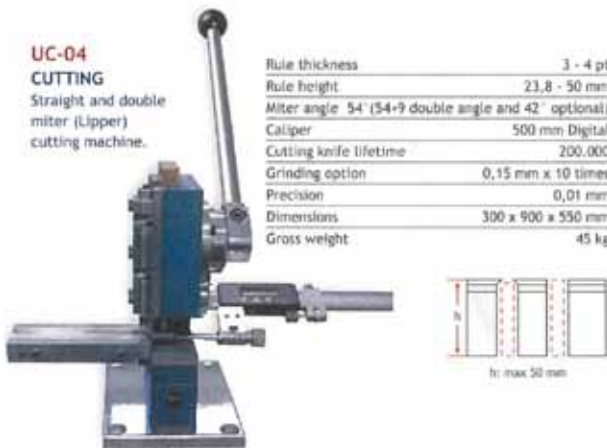


Rule thickness	2 - 4 pt
Rule height	23,8 - 50 mm
Miter angle	54° (54+9 double angle and 42° optional)
Caliper	500 mm Digital
Cutting knife lifetime	300.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	200 x 900 x 450 mm
Gross weight	32 kg

UC-04 CUTTING

Straight and double miter (Lipper) cutting machine.

Rule thickness	3 - 4 pt
Rule height	23,8 - 50 mm
Miter angle	54° (54+9 double angle and 42° optional)
Caliper	500 mm Digital
Cutting knife lifetime	200.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	300 x 900 x 550 mm
Gross weight	45 kg



UC-02 CUTTING

Straight and single miter (Lipper) cutting machine.

Rule thickness	1,5 - 3 pt
Rule height	8 - 30 mm
Miter angle	54° (54+9 double angle and 42° optional)
Caliper	500 mm Digital
Cutting knife lifetime	300.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	275 x 975 x 225 mm
Gross weight	20 kg



UH-01 CUTTING

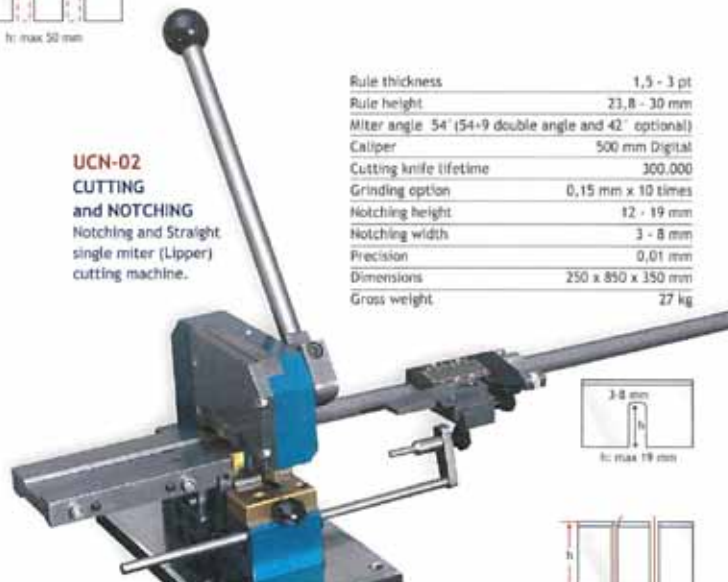
Creasing matrix cutting machine.



UCN-02 CUTTING and NOTCHING

Notching and Straight single miter (Lipper) cutting machine.

Rule thickness	1,5 - 3 pt
Rule height	23,8 - 30 mm
Miter angle	54° (54+9 double angle and 42° optional)
Caliper	500 mm Digital
Cutting knife lifetime	300.000
Grinding option	0,15 mm x 10 times
Notching height	12 - 19 mm
Notching width	3 - 8 mm
Precision	0,01 mm
Dimensions	250 x 850 x 350 mm
Gross weight	27 kg



Dieroom Equipment

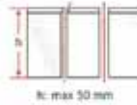
UC-05

CUTTING

Straight and single miter (Lipper) cutting machine.



Rule thickness	3 - 6 pt
Rule height	23,8 - 50 mm
Miter angle	54° (54-9 double angle and 42° optional)
Caliper	500 mm Digital
Cutting knife lifetime	200.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	400 x 1030 x 620 mm
Gross weight	80 kg



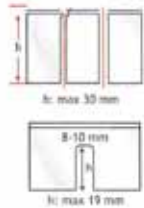
UCN-01

CUTTING and NOTCHING

Notching and Straight single miter (Lipper) cutting machine.



Rule thickness	3 - 6 pt
Rule height	23,8 - 30 mm
Miter angle	54° (54-9 double angle and 42° optional)
Caliper	500 mm Digital
Cutting knife lifetime	200.000
Grinding option	0,15 mm x 10 times
Notching height	12 - 19 mm
Notching width	8 - 10 mm
Precision	0,01 mm
Dimensions	400 x 1030 x 620 mm
Gross weight	60 kg

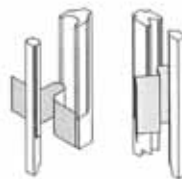


UB-02

BENDING

Foot levered bending machine.

Rule thickness	1,5 - 4 pt
Rule height	8 - 50 mm
Bending width	Please see bending tools
Side gauge	500 mm digital
Precision	0,01 mm
Dimensions	600 x 1230 x 1320 mm
Gross weight	130 kg



Rule thickness	1,5 - 4 pt
Rule height	8 - 30 mm (Opt.: 50 mm)
Bending width	Please see bending tools
Side gauge	300 mm
Precision	0,01 mm
Dimensions	350 x 450 x 570 mm
Gross weight	45 kg

UB-01

BENDING and ROTARY BENDING

Hand levered bending machine.



URC-02

ROTARY CUTTING

Rotary, straight and single miter (Lipper) cutting machine.

Rule thickness	3 - 4 pt
Rule height	23,8 - 50 mm
Miter angle	28° (54, 54-9 and 42° optional)
Caliper	500 mm Digital

Cutting knife lifetime	200.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	200 x 900 x 400 mm
Gross weight	30 kg



UB-05

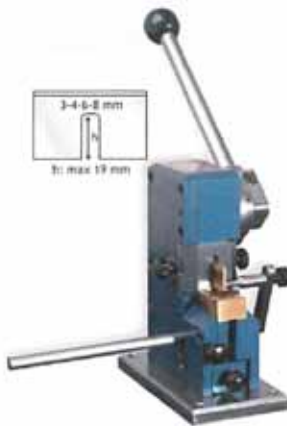
BENDING

Circle bending machine.

Rule thickness	1,5 - 4 pt
Rule height	8 - 30 mm (Optional: 50 mm)
Bending width	Please see bending tools
Side gauge	400 mm
Precision	0,01 mm
Dimensions	500 x 1100 x 270 mm
Gross weight	86 kg

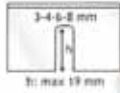


Dieroom Equipment



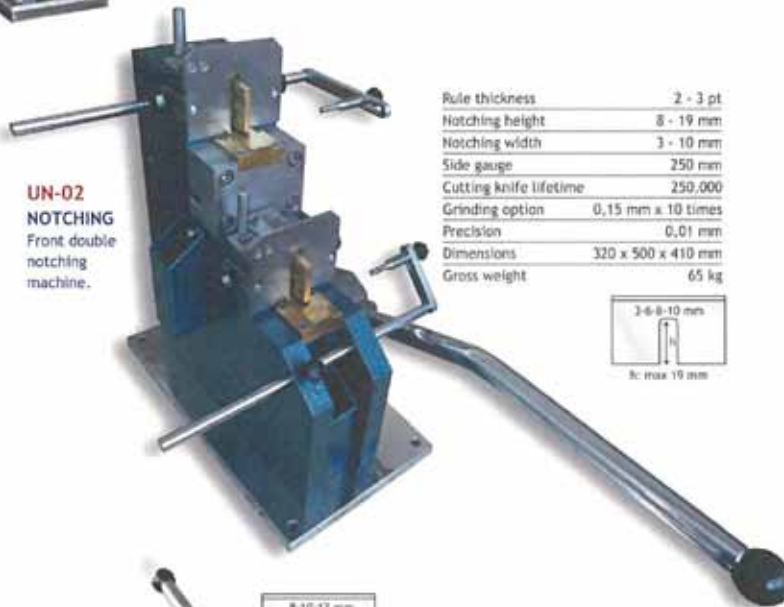
UN-01
NOTCHING
Notching machine.

Rule thickness	2 - 3 pt
Notching height	8 - 19 mm
Notching width	3 - 8 mm
Side gauge	250 mm
Cutting knife lifetime	250.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	175 x 250 x 400 mm
Gross weight	15 kg



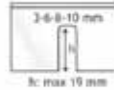
UB-06
BENDING
Circle bending machine.

Rule thickness	2 - 4 pt
Rule height	23,8 - 50 mm
Bending width	min. Ø 40 mm
Side gauge	n/a
Precision	0,01 mm
Dimensions	215 x 400 x 310 mm
Gross weight	44 kg



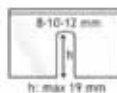
UN-02
NOTCHING
Front double notching machine.

Rule thickness	2 - 3 pt
Notching height	8 - 19 mm
Notching width	3 - 10 mm
Side gauge	250 mm
Cutting knife lifetime	250.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	320 x 500 x 410 mm
Gross weight	65 kg



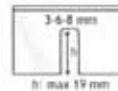
UN-04
NOTCHING
Notching machine.

Rule thickness	3 - 5 pt
Notching height	8 - 19 mm
Notching width	8 - 12 mm
Side gauge	250 mm
Cutting knife lifetime	200.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	308 x 250 x 400 mm
Gross weight	40 kg



Rule thickness	2 - 3 pt
Notching height	8 - 19 mm
Notching width	3 - 8 mm
Side gauge	250 mm
Cutting knife lifetime	250.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	300 x 600 x 280 mm
Gross weight	55 kg

UN-03
NOTCHING
Front & back double notching machine.



UB-08
BENDING
Foot levered bending machine.

Rule thickness	3 - 4 pt
Rule height	23,8 - 100 mm
Bending width	Please see bending tools
Side gauge	500 mm digital
Precision	0,01 mm



UB-08h
BENDING
Hydraulic bending machine.

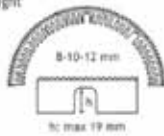
Rule thickness	3 - 4 pt
Rule height	23,8 - 100 mm
Bending width	Please see bending tools
Side gauge	500 mm digital
Precision	0,01 mm

Dieroom Equipment

URN-01 ROTARY NOTCHING

Rotary notching machine.

Rule thickness	3 - 6 pt
Notching height	0 - 19 mm
Notching width	8 - 12 mm
Side gauge	250 mm
Cutting knife lifetime	200.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	308 x 250 x 400 mm
Gross weight	40 kg



URC-01

ROTARY

Rotary, straight and single miter (Lipper) cutting machine.

Rule thickness	3 - 6 pt
Rule height	23,8 - 50 mm
Miter angle	28° (54, 54+9 and 42° optional)
Caliper	500 mm Digital
Cutting knife lifetime	200.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	400 x 1030 x 620 mm
Gross weight	60 kg



URC-03

ROTARY

Rotary cushion crease cutting machine.



Material	Cushion crease
Cutting width	Max. 13,5 mm
Width	Max. 35 mm
Caliper	750 mm
Cutting edge lifetime	150.000
Cutting angle	90° - 45°
Precision	0,01 mm
Air pressure	6 - 8 bar
Dimensions	180 x 180 x 1000 mm
Gross weight	25 kg

URC-04

ROTARY

Rotary radius cutting machine.

Rule thickness	3 - 6 pt
Rule height	23,8 - 30 mm
Radius diameter	R5 - R3
Cutting knife lifetime	200.000
Grinding option	0,15 mm x 10 times
Precision	0,01 mm
Dimensions	150 x 150 x 250 mm
Gross weight	15 kg

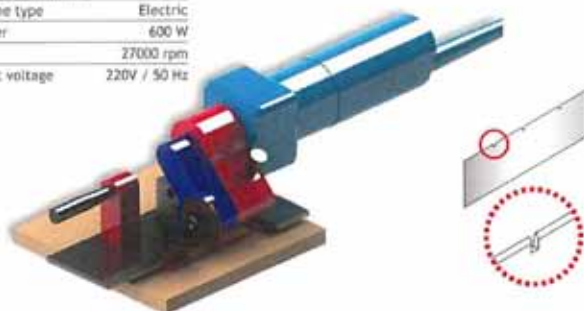


Grinding width	0,1 - 2mm
Grinding height	0,1 - 7mm
Grinding disc diameter	50 mm
Min. grid stone size	30 mm
Engine type	Electric
Power	600 W
RPM	27000 rpm
input voltage	220V / 50 Hz

UEN-01

NICK

Electric nick grinder



Grinding width	0,1 - 1,5mm
Grinding height	0,1 - 7mm
Grinding disc diameter	50 mm
Min. grid stone size	30 mm
Engine type	Air
Airflow	285 lt./min
Pressure	90 psi / 6,2 bar
RPM	28000 rpm
Dimensions	120 x 250 x 120 mm

UHN-01

NICK

Air - Driven nick grinder



Dieroom Equipment



UNIQUE is a young, dynamic producer of diemaking equipment. Being a division of Turkey's leader diemaker Ozkardesler Ltd, the brand focuses on solving industry's major troubles related to processing of steel cutting rules looking from a unique perspective.

Inspired by an innovative diemaking team, UNIQUE has been constantly equipping conventional manual equipment with smart features that boost efficiency and make them user friendly. Starting from 1,5pt thick 8mm high cutting rules up to 6pt thick 100mm high cutting rules, UNIQUE offers the most comprehensive range of manual cutters, benders and notchers.

COATING WITH TITANIUM (Cutting and notching machines)

Cutter Blades are made of powder steel and are processed through the most suitable heat treatment. In order to increase the resistance of the cutting blades against corrosion all our blades are covered with TiN (titanium nitride). TiN coating provides a 50-70% increase in part's lifetime and as it is protected against side strokes, the life of the cutter blade is lengthen up to 4-5 times.



NO MORE CORROSION AND RUSTING (All Machines)

All mechanical parts and the parts in contact with rules are coated with CrN (chrome nitride) which is a special casing type that is resistant against corrosion and rusting for long years. In all Unique eccentric systems, power transmission is carried out by bearings and this prevents the play that may occur in the course of time.

RIGID AND DURABLE (All Machines)

With the purpose of enabling the machine bodies to be resistant against corrossions and strokes for years, they are made of tool steel and sliding blocks are ground precisely.



DIGITAL CALIPER (Cutting and bending machines)

For the best length accuracy, all cutters are equipped with digital caliper which allows fast measurements with the precision of 0,01mm. Except for cutters, the foot operated benders are also equipped with digital caliper.

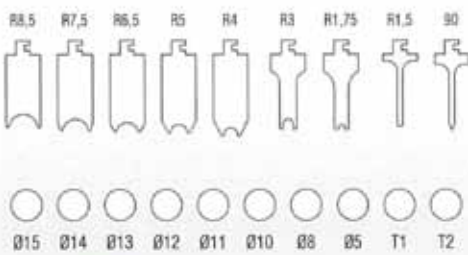


Dieroom Equipment

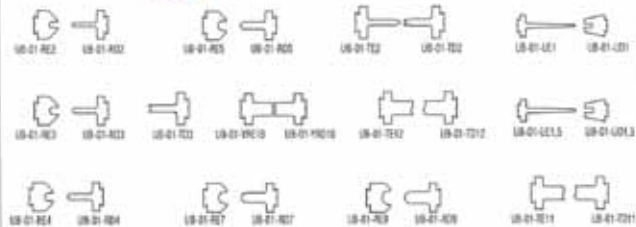
BENDING TOOLS



UB-05 Standart Bending Tools



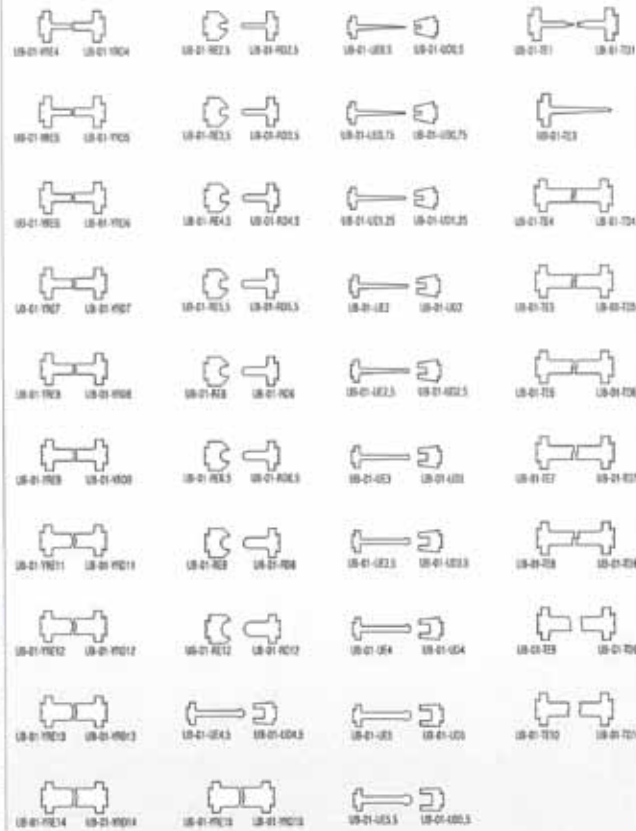
UB-01 Standard Bending Tools



UB-02 2-3 pt. / Up to 40 mm Height Rules Set



UB-01 Optional Bending Tools



Standart Bending Tool List			
Machine Code	Rule Point	Rule Height	Description
UB-01 Set	1,5 - 3 pt.	23,8 - 30 mm	25 Pcs. Std. Set / (4 pt. opt.)
UB-01 Full Set	1,5 - 3 pt.	23,8 - 30 mm	102 Pcs. Full Set / (4 pt. opt.)
UB-02 2-3 pt. 40 mm Set	2 - 3 pt.	23,8 - 40 mm	26 Pcs. Set / (1,5 pt. opt.)
UB-02 3-4 pt. 50 mm Set	3 - 4 pt.	23,8 - 50 mm	26 Pcs. Set
UB-04 Set	3 - 4 pt.	23,8 - 50 mm	26 Pcs. Set
UB-05 5-15 mm Set	1,5 - 4 pt.	8 - 30 mm	19 Pcs. Set / 5 - 15 mm dia.
UB-05 15-55 mm Set	1,5 - 4 pt.	8 - 30 mm	31 Pcs. Set / 15 - 55 mm dia.
UB-08 Set	3 - 4 pt.	23,8 - 100 mm	23 Pcs. Set / max. 16 mm rad.
UB-08H Set	3 - 4 pt.	23,8 - 100 mm	23 Pcs. Set / max. 16 mm rad.
UB-08H Set	3 - 4 pt.	23,8 - 100 mm	44 Pcs. Set / max. 30 mm rad.

On request specific tools can be manufactured.

Dieroom Equipment

UNIQUE
Dieroom Equipment

Why our products ?

- Rigid, Durable and Long Lasting,
- Efficient,
- High Quality,
- All In-House Production...

All machines are guaranteed
by our firm for a period of 1 year.

www.dieroom.com

3ADAM
experience & intelligence

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