



## REBAR CUTTERS / REBAR BENDERS



Proudly sold and serviced by Specialised Force

***Civil Infrastructure***



**SPECIALISED FORCE**

DISTRIBUTOR OF HYDRAULIC TOOLS &  
ELECTRICAL CONTRACTORS EQUIPMENT

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# SPECIALISED FORCE

**DISTRIBUTOR OF HYDRAULIC TOOLS & ELECTRICAL CONTRACTORS EQUIPMENT**

Specialised Force Pty Ltd has been operating and expanding throughout Australia since 1982. With the Head office in Sydney, the company now operates in Brisbane, Townsville, Darwin, Adelaide, Melbourne, Perth, Port Hedland and Hobart, with additional support distribution network covering all areas throughout Australia & New Zealand for over 35 years.

## Focused Business Areas

**CIVIL INFRASTRUCTURE:** Rebar/Mesh Bending & Cutting and Metal Punching tools

**ELECTRICAL:** Overhead & Underground Power Installation Machinery & Equipment

**RAIL:** Maintenance, Construction and Safety Equipment

**MINING:** Jacking, Maintenance Tools & Tensioning Devices

**OIL & GAS:** Flange Maintenance, Alignment, Spreading & Torque Tools

**INDUSTRIAL:** Heavy Load Lifting/Shifting, Maintenance & Safety Equipment

**COMMUNICATIONS:** Drum Handling Equipment, Rollers & Winches

**TRANSPORT:** Jacks, Presses, Pullers, Repair Kits & Torque Tooling

**Your partner in minor to major Civil Infrastructure projects, maintenance or new construction.**

## Related Equipment



Hydraulic Pump Low Pressure



Hydraulic Post Driver

**MARUZEN**



Hydraulic Breakers



Hydraulic Pump Low Pressure

**HILMAN**



Hilman ERS Series Deluxe Riggers Kits and Sets



**IZUMI**

Izumi SH-10 Hydraulic Knockout Punch Driver

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# REBAR CUTTING & BENDING TOOL SELECTION CHART

YEILD STRENGTH (N/mm <sup>2</sup> )	500										650										850							
	13	16	20	25	30	32	35	36	40	45	52	6	8	10	12	13	16	20	25	32	35	40	45	25	32	40	42	
REBAR SIZE (mm)	<b>CUTTING TOOL</b>																											
	<b>DIAMOND</b>																											
DC-13LV	4														4													
DC-16W		4													4													
DC-20W			4													4												
DC-20HL			5													5												
DC-25W				5												5												
DC-32WH					5												5											
DCC-1636HR			6																									
DCC-2036BLH					6																							
BNCE-20/BNCE-20-24V					7																							
DBC16H			8																									
DBC25X				8																								
	<b>SIMA</b>																											
CEL-42P							13														13							13
CEL-52P								13														13						
CEL-55P									13														13					
COMBI30-36					15																			15				15
COMBI36-52							15																		15			15
	<b>ARM</b>																											
BC16MH230																												17

Note: The number in the boxes represent the tool page number

This chart is a guide only and the figures may vary



# REBAR CUTTING & BENDING TOOL SELECTION CHART

YEILD STRENGTH (N/mm <sup>2</sup> )	500										650										850								
	13	16	20	25	30	32	35	36	40	45	52	6	8	10	12	13	16	20	25	32	35	40	45	25	32	40	42		
REBAR SIZE (mm)	13	16	20	25	30	32	35	36	40	45	52	6	8	10	12	13	16	20	25	32	35	40	45	25	32	40	42		
<b>CUTTING TOOL</b>																													
<b>RAPIDCUT</b>																													
RAPIDCUT 16																19													
RAPIDCUT 12															20														
RAPIDCUT 10															21														
RAPIDCUT 8															22														
RAPIDCUT 6															23														
<b>BENDING TOOL</b>																													
<b>DIAMOND</b>																													
DBD-16L																			9										
DBD-25H																													
DBD-25X										10																			
DBD-32X										10																			
HB-16W										11																			
DBR-32HD																				11									
DBC16H																			8										
DBC25X										8																			
<b>SIMA</b>																													
DEL-36 / DEL-36-2V																													
DEL-45 / DEL-45-2V											14																		
DEL-52																	14												
COMBI30-36											15																		
COMBI36-52											15																		

Please see tool blade specifications for cutting high grade material.

Note: The number in the boxes represent the tool page number.  
This chart is a guide only and the figures may vary

## REBAR CUTTERS / REBAR BENDERS

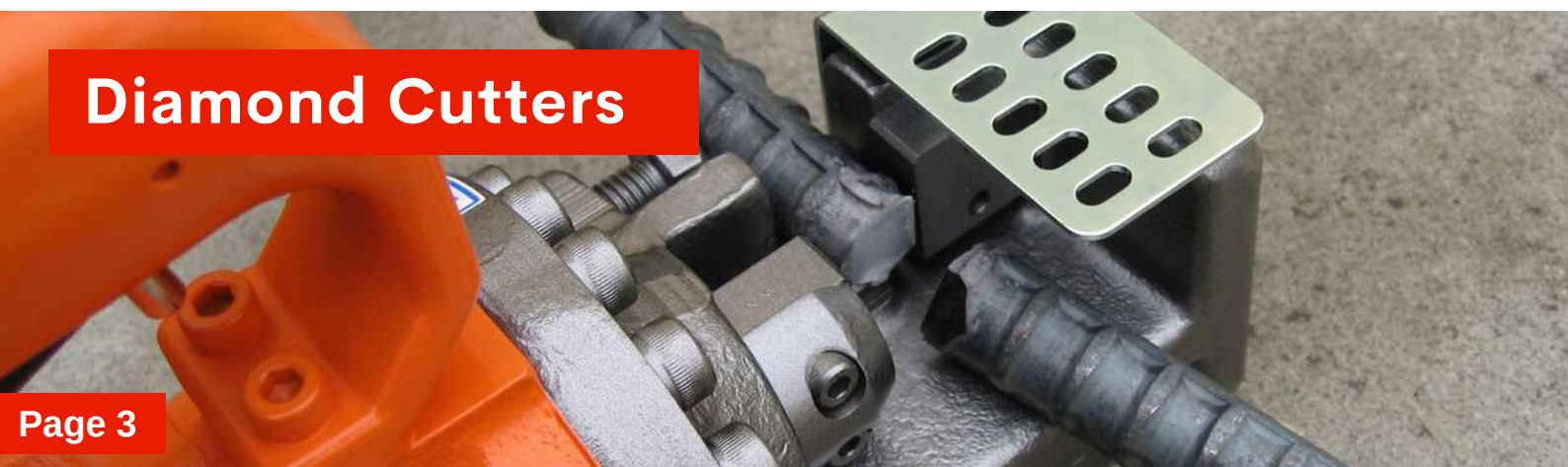
DIAMOND rebar cutters and benders enable you to get the job done quickly, efficiently and safely. It's products range from powerful hand-held tools through portable table units for on-site use to specialised equipment for the production shop.

Specialised Force is the authorised Australian distributor for the DIAMOND range of rebar cutters, rebar benders, hole punches and other tools from Japan. Founded in 1972 these high quality tools are used in a wide range of applications, including rebar manufacturing, precast concrete, construction, metal fabrication, power line construction and many more.

At the heart of each of the hand-held cutters and benders is the time proven Diamond operating system, which uses electrically driven hydraulics to ensure smooth, powerful and fast results. Since DIAMOND originated this concept, continuous development has led to higher output lower weight and even greater toughness and durability.



**Diamond Cutters**



## Diamond DC-13LV Electric Rebar Cutter



Model	DC-13LV
Max. rebar diameter	13mm
Cutting speed	1.5 sec
Max. tensile strength	650 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1020W
Weight	6kg
Dimensions (mm)	380 x 220 x 105

Accessories for DC-13LV		
1CL003	Cutter Block (23x15x10mm)	
7CB05022	Cap Screw	Head
7SW005	Spring Washer (M5)	
7CB05015	Cap Screw	Piston
7SW005	Spring Washer (M5)	

## Diamond DC-16W Electric Rebar Cutter



Model	DC-16W
Max. rebar diameter	16mm
Cutting speed	2.5 sec
Max. tensile strength	650 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1050W
Weight	8kg
Dimension (mm)	460 x 270 x 115

Accessories for DC-16W		
1C1610	Cutter Block (26x20x10mm)	
7CB05022	Cap Screw	Head
7SW005	Spring Washer (M5)	
7CB05015	Cap Screw	Piston
7SW005	Spring Washer (M5)	

## Diamond DC-20W Electric Rebar Cutter



Model	DC-20W
Max. rebar diameter	20mm
Cutting speed	3 sec
Max. tensile strength	650 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	2500W
Weight	10.5kg
Dimension (mm)	500 x 150 x 135

Accessories for DC-20W		
1C1311	Cutter Block (27x26x12mm)	
7CB05025	Cap Screw	Head
7GW005	Spring Washer (M5)	
7CB05018	Cap Screw	Piston
7GW005	Spring Washer (M5)	

## Diamond DC-20HL Electric Rebar Cutter



Model	DC-20HL
Max. rebar diameter	20mm
Cutting speed	4 sec
Max. tensile strength	650 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1050W
Weight	11.5kg
Dimension (mm)	395 x 112 x 220

Accessories for DC-20HL		
1C1311	Cutter Block (27x26x12mm)	
7CB05025	Cap Screw	Head
7GW005	Spring Washer (M5)	
7CB05018	Cap Screw	Piston
7GW005	Spring Washer (M5)	

## Diamond DC-25W Electric Rebar Cutter



Model	DC-25W
Max. rebar diameter	25mm
Cutting speed	4 sec
Max. tensile strength	650 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	2000W
Weight	22kg
Dimension (mm)	525 x 145 x 250

Accessories for DC-25W		
1C1911	Cutter Block (32x28x16mm)	
7CGW08025	Cap Screw with Washer (M8)	Head
7CGW08025	Cap Screw with Washer (M8)	Piston

## Diamond DC-32WH Electric Rebar Cutter



Model	DC-32WH
Max. rebar diameter	32mm
Cutting speed	12 sec
Max. tensile strength	650 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	2000W
Weight	35.8kg
Dimension (mm)	591 x 180 x 272

Accessories for DC-32WH		
1C4171500	Cutter Block (42x34x22mm)	
7CB08040	Cap Screw	Head
7GW008	Toothed Washer (M8)	
7CB08030	Cap Screw	Piston
7GW008	Toothed Washer (M8)	



## Diamond DCC-1636HR & DCC-2036BLH Cordless Rebar Cutter



**DCC-1636HR**



**DCC-2036BLH**

Model	DCC-1636HR	DCC-2036BLH
Max. rebar diameter	16mm	20mm
Cutting speed	2 sec	4 sec
Max. tensile strength	500 N/mm <sup>2</sup>	500 N/mm <sup>2</sup>
Power supply	Lithium ion DC36V 2.5AH Battery	Lithium ion DC36V 2.5AH Battery
Weight	5.65kg (including battery)	9.3kg (including battery)
Dimension (mm)	340 x 88 x 262mm	384 x 103 x 274mm

<b>Model DCC-1636HR(BB) / DCC-2036BLH(BB) includes:</b>
2 x Batteries and 1 x Charger

Accessories for DCC-1636HR		
<b>1CL003</b>	Cutter Block (23x15x10mm)	
<b>7CB205022</b>	Cap Screw and Washer (M5X22)	Head
<b>7CB205015</b>	Cap Screw and Washer (M5X15)	Piston

Accessories for DCC-2036BLH		
<b>1C1610</b>	Cutter Block (26x20x10mm)	
<b>7CB205025</b>	Cap Screw and Washer (M5X25)	Head
<b>7CB205015</b>	Cap Screw and Washer (M5X15)	Piston

Optional Accessories	
<b>BSL36A18</b>	36V/ 5AH Lithium-ion Battery
<b>UC18YRSL</b>	230V Hitachi Charger

## BNCE-20 Electric Flush Cut Saw



Model	BNCE-20
Capacity	10-21mm
Voltage	230V
Hertz	50
AMPS	9
Watts	1100
Blade Size	110mm
Blade Type	Tungsten Carbide Tipped
Blade number of teeth	24
Blade kerf	1.6mm
No load RPM	2,000
Depth of cut	21.8mm
Construction type	Double insulated
Dimension	515 x 140 x 99mm
Tool weight	3.5kg

## BNCE-20-24V Electric Flush Cut Saw



Model	BNCE-20-24V
Construction type	Battery Powered Tool
Blade size	110 mm - proprietary mounting
Blade type	Tungsten Carbide Tipped (2 ea. Supplied)
Blade number of teeth	24
No load rpm	2,000
Depth of cut	22 mm
Tool length w/ battery	438.2 x 138 x 82.6 mm
Tool weight	3.5kg
Battery	24V Lithium-Ion 6Ah (2 ea. supplied)
Charger	Standard 230V Quick Charger
Charger weight	0.5 kg
Number of cuts / charges	120+ (#5-60 grade Rebar)

- 3 position removable side handle
- Rotating trigger handle that provides the operator with multiple cutting positions and increased manoeuvrability in tight areas
- Unique flush-cutting blade guard that greatly reduces blade exposure and minimal cutting sparks and cut material

Optional Accessories	
RB-BNCE-NH	Blade for BNCE-20 / BNCE-20-24V Electric Flush Cut Saw



# Diamond Bender/Cutters

## DIAMOND®



### Diamond DBC-16H Rebar Bender/Cutters

Model	DBC- 16H
Max. rebar diameter	16mm
Bending Speed	5.5 sec
Max. tensile strength	500 N/mm <sup>2</sup>
Bending angle	Up to 180°
Cutting speed	2.5 sec
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1050W
Weight	17kg
Dimension (mm)	645 x 165 x 230



Accessories for DBC-16H		
1BC4208000	Cutter Block (23 x 20 x 10mm)	
7CB05015	Cap Bolt M5 x 15	Head
7GW005	Toothed Washer (M5)	
7CB05010	Cap Bolt M5 x 10	Piston
7GW005	Toothed Washer (M5)	

### Diamond DBC-25X Rebar Bender/Cutters



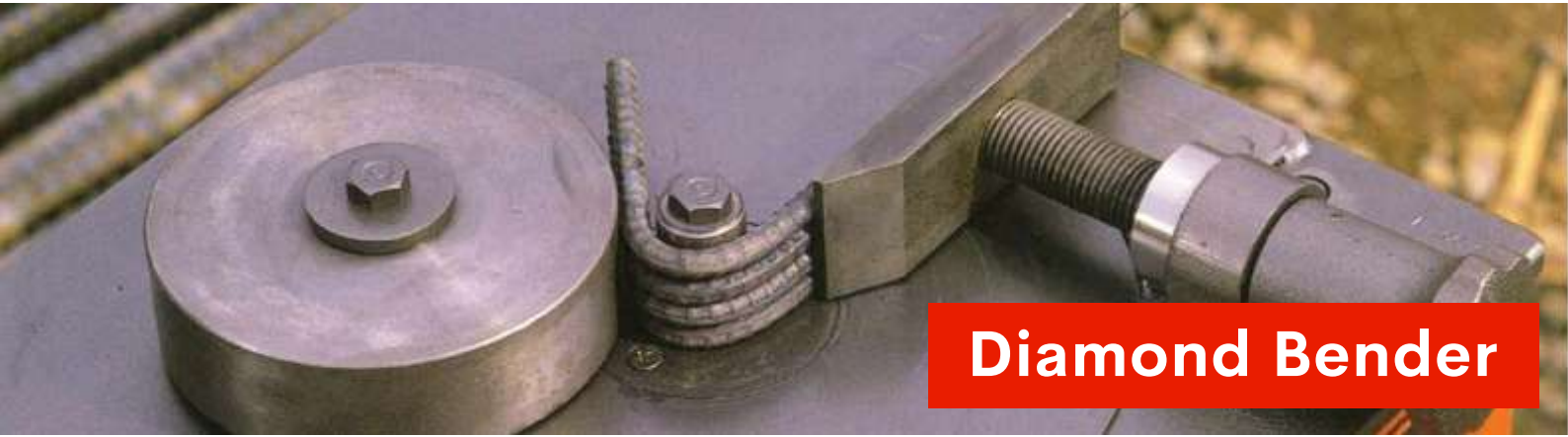
Optional Stand



Optional Foot Switch

Model	DBC- 25X
Max. rebar diameter	25mm
Bending Speed	6 sec
Max. tensile strength	500 N/mm <sup>2</sup>
Bending angle	Up to 180°
Cutting speed	5 sec
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1330W
Weight	129kg
Dimension (mm)	700 x 680 x 440

Optional Accessories	
DBC-25X FOOTSWITCH	Foot Switch
DBC-25X STAND	Stand



# Diamond Bender

**DIAMOND®**



## Diamond DBD-16L Electric Rebar Bender



Optional Stand

Model	DBC- 16H
Max. rebar diameter	16mm
Bending Speed	5.5 sec
Max. tensile strength	500 N/mm <sup>2</sup>
Bending angle	Up to 180°
Cutting speed	2.5 sec
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1050W
Weight	17kg
Dimension (mm)	645 x 165 x 230

Optional Accessories	
DBD-16L FOOTSWITCH	Foot Switch
DBD-16L STAND	Stand

## Diamond DBD-25H Electric Rebar Bender



Model	DBD-25H
Max. rebar diameter	25mm
Bending Speed	9 sec/180°
Bending angle	Up to 180°
Max. tensile strength	620 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1500W
Weight	97kg
Dimension (mm)	540 x 580 x 440

Optional Accessories	
DBD-25X FOOTSWITCH	Foot Switch
DBD-25H STAND	Stand

## Diamond DBD-25X Electric Rebar Bender



Model	DBD-25X
Max. rebar diameter	25mm
Bending Speed	6 sec/180°
Bending angle	Up to 180°
Max. tensile strength	500 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1330W
Weight	86kg
Dimension (mm)	490 x 550 x 440

Optional Accessories	
DBD-25X FOOTSWITCH	Foot Switch
DBD-25X STAND	Stand

## Diamond DBD-32X Electric Rebar Bender



Model	DBD-32X
Max. rebar diameter	32mm
Bending Speed	8 sec/180°
Bending angle	Up to 180°
Bending Radius	4D
Max. tensile strength	500 N/mm <sup>2</sup>
Power supply	Electric Motor 230VAC
Output	2.0 HP
Weight	180kg
Dimension (mm)	590 x 620 x 480

*Note: Made to order only*

Optional Accessories	
DBD-32X FOOTSWITCH	Foot Switch
DBD-32X STAND	Stand

## Diamond HB-16W Electric Rebar Bender



Model	HB-16W
Max. rebar diameter	16mm
Bending Speed	9 sec/135°
Bending angle	Up to 135°
Max. tensile strength	500 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	1050W
Weight	15kg
Dimension (mm)	585 x 195 x 205

## Diamond DBR-32HD Electric Rebar Bender/Straightener



Model	DBR-32HD
Max. rebar diameter	32mm
Bending Speed	12 sec/90°
Bending angle	Up to 140°
Max. tensile strength	650 N/mm <sup>2</sup>
Power supply	Single phase mains electricity / Generator
Voltage	230V
Power Input	2000W
Weight	22.8kg
Dimension (mm)	686 x 264 x 210

Born in Spain in the '70s, the brand SIMA has turned over the years into a reference in the light construction machinery industry in Europe. With over 45 years of manufacturing experience, SIMA offers to the construction professionals a range of premium quality Rebar Processing Tools, designed and made in Spain .

SIMA is side to side with those who work with rebar: be it cutting or bending. Specialised Force have a complete range of SIMA benders/cutters to match the most demanding professional needs. Their rebar processing machines supply a high productivity both, on the construction sites and on the rebar workshops. With an impressive and unbeatable durability, SIMA rebar machines will provide long shifts of efficient work on rebar processing for many years. Guaranteed by a rebar market leader.



# Sima Electric Rebar Cutter



## Sima- CEL Range, Electric Rebar Cutters



### Reliable, strong and durable:

Excellent output in intensive rebar jobs, able to work more than 8 hours daily at construction sites or at rebar workshops.

Specially recommended for rental fleets as high profitability, low maintenance running costs and durability, allowing long-term rentals.

### Safety Systems:

All CEL shears models are fitted with the compulsory safety systems and devices to comply with all international safety regulations:

- Mechanical safety devices: a shield covers the cutting jaw and blades. It prevents accidental operation as it locks foot and hand control.
- Electrical safety devices: emergency stop and low voltage cut-off device prevent the machine reloading after a supply cut.

Cutting Capacity						
Tensile strength	N / 650 mm <sup>2</sup>			N / 850 mm <sup>2</sup>		
	No. x	1	2	3	1	2
	mm	mm	mm	mm	mm	mm
<b>CEL 42 P</b>	Ø35	Ø25	Ø16	Ø32	Ø25	Ø16
<b>CEL 52 P</b>	Ø40	Ø25	Ø16	Ø40	Ø25	Ø16
<b>CEL 55 P</b>	Ø45	Ø32	Ø22	Ø40	Ø32	Ø20

Model	CEL 42 P		CEL 52 P		CEL 55 P	
Motor Voltage (V)- 3 Phase	230/400		230/400		230/400	
Frequency (Hz) / In (pins)	50 / 4P	50 / 5P	50 / 4P	50 / 5P	50 / 4P	50 / 5P
Kw (Hp)	3(4)		4(5.5)		4(5.5)	
Cuts / minute	100		88		50	
Oil capacity (L.)	1.3		1.3		9	
Net weight (Kg.)	391.6		485		666	
Packaging Dimensions L x W x H (mm)	1110 x 710 x 970		1110 x 710 x 970		1220 x 775 x 1130	

## Features and Benefits of the DEL and Combi Range



Interchangeable 4 faced long life cutting blades (set of 2 pcs).



Magnetothermal ON/OFF switch.



Oil bathed trapezoidal and Helicoidal gears for heavy duty.



Lifting hook for easy transportation and shifting.



Safety shield, fast and easy to use.



Inner components tempered for extended working life.



Heavy cast-iron monoblock chasis.



High end quality bearings.





## Sima- DEL Range, Electric Benders

### Reliable, strong and durable:

Three models available to meet any rebar production requirements in both, job sites and rebar factories/workshops. Supplied with necessary pins, rollers and mandrels to produce the desired bending angle.

All models of DEL benders are also capable to produce stirrups, spirals and hoops using the optional accessories. Easy low-cost maintenance can be even performed on site by the machine operator.

### Safety Systems:

All DEL benders are fitted with the compulsory safety systems and devices to comply with all international safety regulations.

- Mechanical safety devices: Automatic stop when frontal panel door opens or when the upper transparent polycarbonate shield is lifted.
- Electrical safety devices: Fully hermetic control panel, with right/left turn selector, voltage and amperage display and magneto-thermal protection breaker switch.



Bending Capacity									
Tensile strength	N / 500 mm <sup>2</sup>			N / 650 mm <sup>2</sup>			N / 850 mm <sup>2</sup>		
	1	2	3	1	2	3	1	2	3
No. x	mm	mm	mm	mm	mm	mm	mm	mm	mm
DEL 36	Ø36	Ø26	Ø22	Ø32	Ø24	Ø18	Ø32	Ø22	Ø16
DEL 45	Ø45	Ø32	Ø25	Ø40	Ø32	Ø25	Ø40	Ø26	Ø25
DEL 52	Ø52	Ø36	Ø30	Ø45	Ø34	Ø25	Ø42	Ø32	Ø25

Model	DEL 36	DEL 36 2V	DEL 45	DEL 45 2 SP	DEL 52
Motor Voltage (V) - 3 Phase	230/400	230/400	230/400	230/400	230/400
Frequency (Hz) / In (pins)	50 / 4P / 50 / 5P	50 / 5P	50 / 4P / 50 / 5P	50/5p	50 / 4P / 50 / 5P
Kw (Hp)	3(4)	4.5 (6.1)	3(4)	4.5 (6.1)	3(4)
Cycles / minutes (bend/return)	10	10/20	6.5	10/20	6
Bending capacity 1 <sup>st</sup> & 2 <sup>nd</sup> speed		Ø32/ Ø20 mm		Ø40/ Ø25 mm	
Oil capacity (L.)	10	10	8.8	8.8	15
Net weight (Kg.)	355	355	490	490	721
Packaging Dimensions L x W x H (mm)	950 x 850 x 1050		1080 x 1040 x 1170		1080 x 1040 x 1170

## Features and Benefits of the DEL Range



Removable panels for easy maintenance access.



Dirt and water resistant IP65 inductive sensor.



Volts and amps meter control display.



Internally mounted power socket to reduce wear and tear.



Overload magneto-thermal protection switch.



Hour meter to help on maintenance controls and rental fleets.



Impact-resistance emergency stop.



Curved protection visor for 360 degree visibility.

# Sima Combined Electric Benders & Cutters



## Sima- COMBI Range, Combined electric benders and cutters

### Complete Package:

The COMBI range is an ideal solution for small to medium rebar contractors and manufacturers, providing full working autonomy in any rebar work, and at a very low cost. One machine, a single investment to do all rebar jobs with a medium production: bending, cutting, stirrups and spirals / hoops.

### The most complete package:

- Safety shield with limit switch on shear body and bending table.
- Easy low-cost maintenance can be even performed on site by the machine operator.



Model	COMBI 30 - 36			COMBI 36-52		
Motor Voltage (V) - 3 Phase	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz) / In (pins)	50 / 4P	50 / 5P	50 / 5P	50 / 4P	50 / 5P	50 / 5P
Kw (Hp)	3(4)			3(4)		
Cycles / minutes (bend/return)	10			6		
Oil capacity (L.)	10			15		
Net weight (Kg.)	435			721		
Packaging Dimensions L x W x H	950 x 1080 x 1050			1080 x 1290 x 1190		

Cutting / Bending Capacity																										
Tensile strength	Cutter			Bender			Cutter			Bender			Cutter			Bender										
	N / 500 mm <sup>2</sup>									N / 650 mm <sup>2</sup>									N / 850 mm <sup>2</sup>							
No. x	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3								
	mm																									
COMBI 30/36	Ø30	Ø20	Ø16	Ø36	Ø26	Ø22	Ø25	Ø18	Ø14	Ø32	Ø24	Ø18	Ø25	Ø16	Ø12	Ø32	Ø22	Ø16								
COMBI 36/52	Ø36	Ø26	Ø22	Ø52	Ø36	Ø30	Ø32	Ø20	Ø16	Ø46	Ø34	Ø25	Ø32	Ø18	Ø16	Ø42	Ø32	Ø25								

### 4-IN-1 MACHINE:



**1** Cutting, thanks to its shear jaw simultaneously operated with the bending plate.



**2** Bending, operated as our DEL range rebar benders



**3** Stirrups production using the optional stirrups accessory



**4** Production of spirals, rings and arches using the optional Spirals Bending accessory





# Sima Rebar Tiers



## Sima- Rebar Tiers STG 45

Technical Specifications	
Code	8534
Net Weight	2.7 kg
Gross Weight	7.6 kg
Tier Dimensions	280 x 300 x 105
Carry Case Dimensions	485 x 135 x 385
Wraps x Tie	2 or 3
Min. Max. Tying Diameter	Ø6 - Ø45mm
	2x #3 - 2x #6 rebar
Wire Diameter	0.8 mm / 21 GA
Wire x Coil	100 m / 330 ft approx.
Ties x Coil	150 - 115 approx.
Ties x Charge	up to 5.200 approx.
Battery	Li - Ion
Voltage	18.5 V
Amps	5.0 Ah
Charging Time	60 min



- High Speed Operating
- High Capacity Li-ion Battery (5 Ah)
- High-tech Electronics Inside
- Fast High Quality Ties
- Quality Materials
- Redesigned Jaws to Increase Endurance
- Wire Coils Compatibility



### Items Included

- Tie machine
- 4 x roll of ties
- 2 x Batteries
- 1 x Charger
- 1 x Carry case



Battery life tester with LED LIGHTS



Easy to use & rugged digital display to set wraps per tie (2 or 3) and tying torque (1 to 10)



optional: extension arm



Arm Sangyo Co. Ltd. is a Japanese-owned and operated company that manufactures a wide range of high quality hand tools, cordless battery tools, and electric power tools. Their range includes swagers, rebar cutters, bolt cutters, wire rope cutters, pliers, cable cutters and assorted hand tools.



## ARM SANGYO BC16-MH230 Battery Cutter

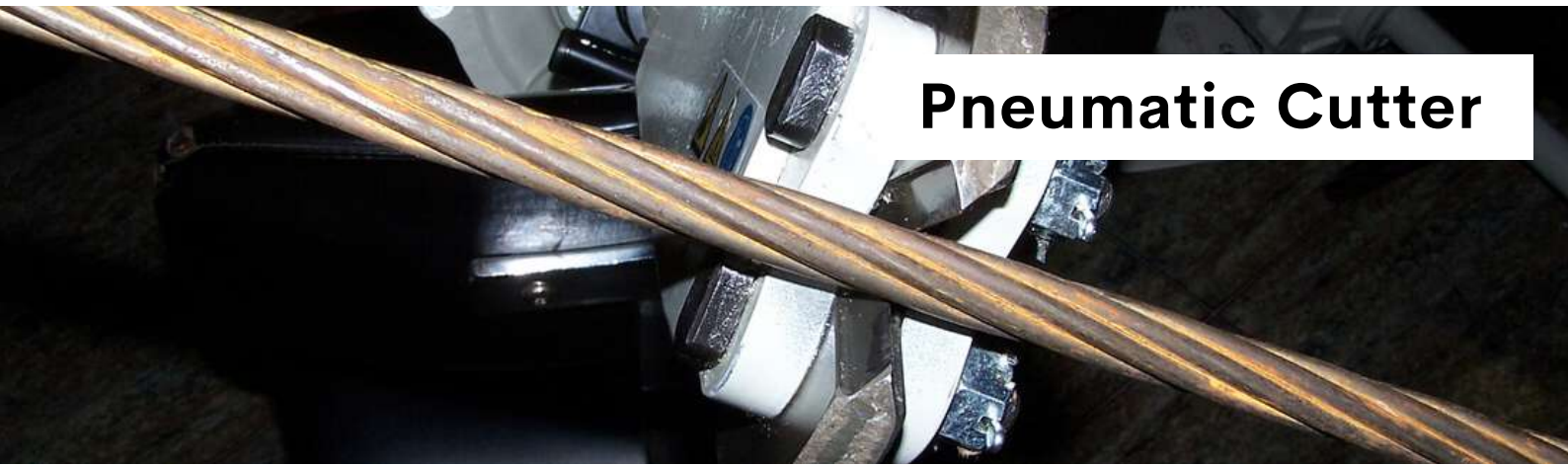


Description	Item No.	Weight
Spare Blade	BCCJ-16	0.2
Nickel Metal Hydride Battery	EB1430R	0.8
Charger (230V)	UC24YC	1.2

Specifications		
Rebar 500 MPa	Cutting Capacity	Up to 16mm (Blade RCW60)
	Motor	14.4V DC motor
	Output Pressure	108KN
	Size	36cm x 33cm x 9cm (width x height x depth)
	Weight	7.1 kg (including battery)
Battery	Battery	Ni-MH 14.4V – 3.0Ah
	Charging Time	37 minutes
Battery Charger	Electrical Input	230VAC
	Frequency	50/60 Hz
Rebar Cuts Per Charge	80 x 16mm	125 x 13mm

## Cut steel bar, rebar and steel mesh with ease !

Rapidcut pneumatic cutters are lightweight and easy to handle. They require minimal maintenance, reducing down time and making them a very cost-effective tool in demanding applications.



**Pneumatic Cutter**

Specialised Force is the authorised Australian distributor for the Rapidcut range of pneumatic mesh, rebar and rod cutters. These tools are used in a wide range of applications in construction and maintenance.



# Rapidcut Pneumatic Rebar Cutters

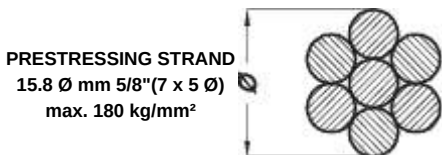


## RAPIDCUT 16- PNEUMATIC CUTTER WITH 1660J BLADES



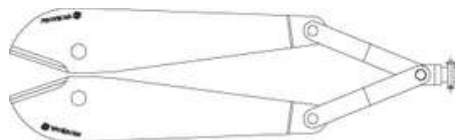
Specifications	
Total weight	18.0 Kg.
Dimensions	1164 mm long x 278mm high
Cutting range	Maximum 16mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 15.5mm Ø (7x5 Ø) in prestressing strand up to 180 Kg. /mm <sup>2</sup> (use 1680R blades)
Cutting velocity	10 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 48 litres/cut at 7 Bar

\* Rapidcut 16 Series Cutters are fitted with 1660J cutter heads, which suits rebar and mesh to 686 Mpa (70kg/mm<sup>2</sup>) yield strength. Typical rebar and mesh sold in Australia is rated at 500Mpa. Please contact your rebar/mesh supplier if in doubt. Cutter heads 1680R are available from stock to fit existing cutters.



PRESTRESSING STRAND  
15.8 Ø mm 5/8" (7 x 5 Ø)  
max. 180 kg/mm<sup>2</sup>

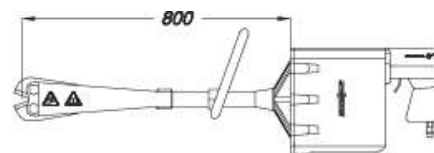
Pre-stressing strand



Re f: 1680R

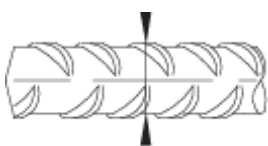
Appropriate Blades

Centre Cut



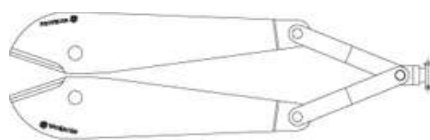
16

Pneumatic cutter mod



max. 16 Ø mm  
max. 70 Kg./ mm<sup>2</sup>

Rebar and wire mesh



Re f: 1660J

Appropriate Blades

Centre Cut

## RAPIDCUT 12- PNEUMATIC CUTTER WITH 1260TM BLADES



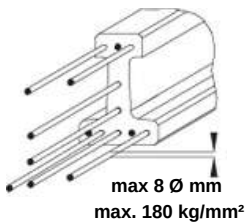
Specifications	
Total weight	10.0 Kg.
Dimensions	645mm long x 260mm high
Cutting range	Maximum 12mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 8.0mm Ø high tensile wire up to 180 Kg. /mm <sup>2</sup> (use 1280TM blades) Maximum 12.5mm Ø (7x4 Ø) prestressing strand up to 180Kg. /mm <sup>2</sup> (use 1280TS blades)
Cutting velocity	20 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 24 litres/cut at 7 Bar

## RAPIDCUT 12L- PNEUMATIC EXT CUTTER WITH 1260TM BLADES

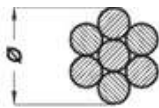


Specifications	
Total weight	12.0 Kg.
Dimensions	945mm long x 260mm high
Cutting range	Maximum 12mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 8.0mm Ø high tensile wire up to 180 Kg. /mm <sup>2</sup> (use 1280TM blades) Maximum 12.5mm Ø (7x4 Ø) prestressing strand up to 180Kg. /mm <sup>2</sup> (use 1280TS blades)
Cutting velocity	20 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 24 litres/cut at 7 Bar

\* Rapidcut 12 Series Cutters are fitted with 1260TM cutter heads, which suits rebar and mesh to 686 Mpa (70kg/mm<sup>2</sup>) yield strength. Typical rebar and mesh sold in Australia is rated at 500Mpa. Please contact your rebar/mesh supplier if in doubt. Cutter heads 1280TM, 1260AS and 1280TS heads are available from stock to fit existing cutters.

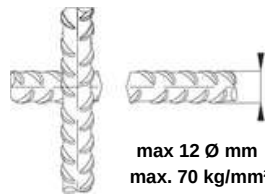


Pre-stressing strand

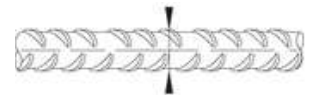


Pre-stressing strand

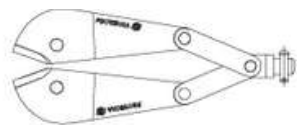
Pre-stressing strand



Rebar and wire mesh

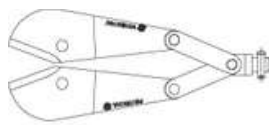


Rebar and wire mesh



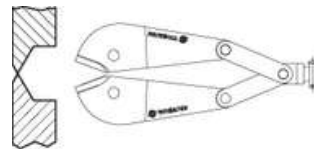
Appropriate Blades

Centre Cut



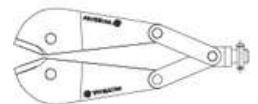
Appropriate Blades

Centre Cut



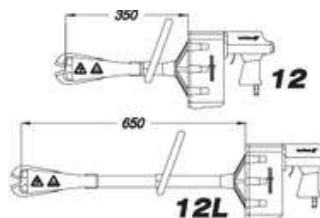
Appropriate Blades

Clipper Cut



Appropriate Blades

Centre Cut



Pneumatic cutter mod

## RAPIDCUT 10C- PNEUMATIC CUTTER WITH 1260TM BLADES



Specifications	
Total weight	7.5Kg.
Dimensions	655mm long x 254mm high
Cutting range	Maximum 10mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 6.0mm Ø in high tensile wire up to 180 Kg. /mm <sup>2</sup> (use 1280TM blades) Maximum 9.5mm Ø (7x3 Ø) in prestressing strand up to 180 Kg. /mm <sup>2</sup> (use 1280TM blades)
Cutting velocity	40 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 15 litres/cut at 7 Bar

## RAPIDCUT 10- PNEUMATIC CUTTER WITH 1260TM BLADES



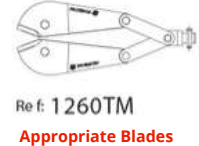
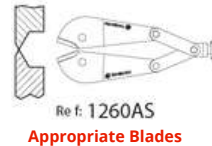
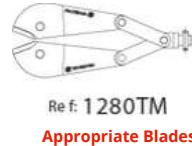
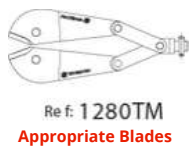
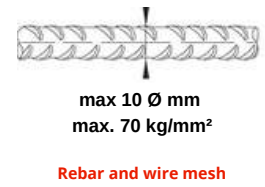
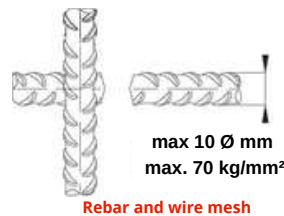
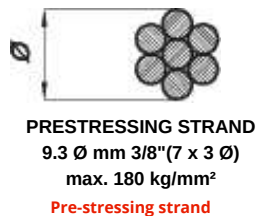
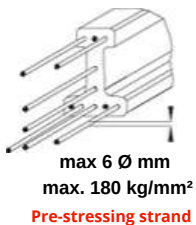
Specifications	
Total weight	8.0Kg.
Dimensions	755mm long x 254mm high
Cutting range	Maximum 10mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 6.0mm Ø in high tensile wire up to 180 Kg. /mm <sup>2</sup> (use 1280TM blades) Maximum 9.5mm Ø (7x3 Ø) in prestressing strand up to 180 Kg. /mm <sup>2</sup> (use 1280TM blades)
Cutting velocity	40 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 15 litres/cut at 7 Bar

## RAPIDCUT 10L- PNEUMATIC EXT CUTTER WITH 1260TM BLADES



Specifications	
Total weight	8.5Kg.
Dimensions	955mm long x 254mm high
Cutting range	Maximum 10mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 6.0mm Ø in high tensile wire up to 180 Kg. /mm <sup>2</sup> (use 1280TM blades) Maximum 9.5mm Ø (7x3 Ø) in prestressing strand up to 180 Kg. /mm <sup>2</sup> (use 1280TM blades)
Cutting velocity	40 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 15 litres/cut at 7 Bar

\*Rapidcut 10 Series Cutters are fitted with 1260TM cutter heads, which suits rebar and mesh to 686 Mpa (70kg/mm<sup>2</sup>) yield strength. Typical rebar and mesh sold in Australia is rated at 500Mpa. Please contact your rebar/mesh supplier if in doubt. Cutter heads 1280TM & 1260AS are available from stock to fit existing cutters.

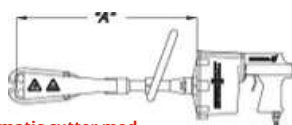


Centre Cut

Centre Cut

Clipper Cut

Centre Cut



LENGTH "A"  
10C-350; 10 - 450; 10L - 650

Pneumatic cutter mod



## RAPIDCUT 8- PNEUMATIC CUTTER WITH M60L BLADES



Specifications	
Total weight	5.8Kg.
Dimensions	405mm long x 254mm high
Cutting range	Maximum 8mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 5.0mm Ø high tensile wire up to 180 Kg. /mm <sup>2</sup> (use M80L blades)
Cutting velocity	60 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx.: 7 litres/cut at 6.5Bar

## RAPIDCUT 8L- PNEUMATIC EXT CUTTER WITH M60L BLADES



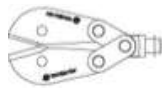
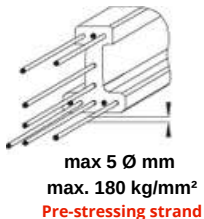
Specifications	
Total weight	7.2Kg.
Dimensions	805mm long x 254mm high
Cutting range	Maximum 8mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 5.0mm Ø high tensile wire up to 180 Kg. /mm <sup>2</sup> (use M80L blades)
Cutting velocity	60 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 7 litres/cut at 6.5Bar

## RAPIDCUT 8XL- PNEUMATIC EXT CUTTER WITH M60L BLADES



Specifications	
Total weight	8.7Kg.
Dimensions	1005mm long x 254mm high
Cutting range	Maximum 8mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 5mm Ø high tensile wire up to 180 Kg. /mm <sup>2</sup> (use M80L blades)
Cutting velocity	60 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 7 litres/cut at 7 Bar

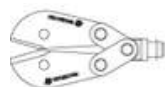
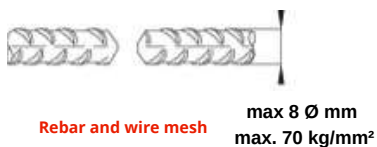
\*Rapidcut 8 Series Cutters are fitted with M60L cutter heads, which suits rebar and mesh to 686 Mpa (70kg/mm<sup>2</sup>) yield strength. Typical rebar and mesh sold in Australia is rated at 500Mpa. Please contact your rebar/mesh supplier if in doubt. Cutter head M80L are available from stock to fit existing cutters.



Re f: M80L

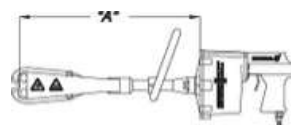
Appropriate Blades

Centre Cut



Re f: M60L

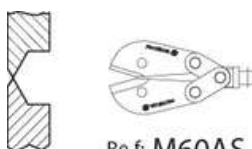
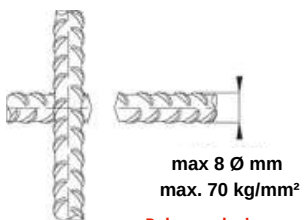
Appropriate Blades



LENGTH "A"  
8-270; 8L- 670; 8 XL- 870

Pneumatic cutter mod

Centre Cut



Re f: M60AS

Appropriate Blades

Clipper Cut

## RAPIDCUT 6- PNEUMATIC CUTTER WITH C80LAP BLADES



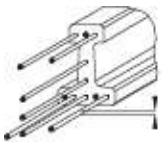
Specifications	
Total weight	3.2Kg.
Dimensions	448mm long x 196mm high
Cutting range	Maximum 6mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 4mm Ø in high tensile wire up to 180 Kg. /mm <sup>2</sup>
Cutting velocity	60 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx. 3.78 litres/cut at 6.5Bar

## RAPIDCUT 6L- PNEUMATIC CUTTER WITH C80LAP BLADES



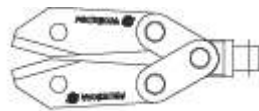
Specifications	
Total weight	3.8Kg.
Dimensions	880mm long x 250mm high
Cutting range	Maximum 6mm Ø in steel up to 70 Kg. /mm <sup>2</sup> Maximum 4mm Ø in high tensile wire up to 180 Kg. /mm <sup>2</sup>
Cutting velocity	60 cuts per minute
Air pressure needed	90 - 120 PSI (6—8.5 Bar)
Air consumption	Approx.: 3.78 litres/cut at 6.5Bar

\*Rapidcut 6 Series Cutters are fitted with C80LAP cutter heads, which suits rebar and mesh to 686 Mpa (70kg/mm<sup>2</sup>) yield strength. Typical rebar and mesh sold in Australia is rated at 500Mpa. Please contact your rebar/mesh supplier if in doubt.



max 4 Ø mm  
max. 180 kg/mm<sup>2</sup>

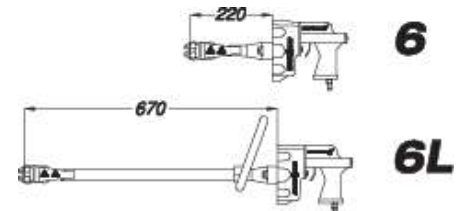
Pre-stressing strand



Re f: C80LAP

Appropriate Blades

Centre Cut

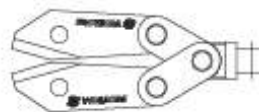


Pneumatic cutter mod



max 6 Ø mm  
max. 70 kg/mm<sup>2</sup>

Rebar and wire mesh



Re f: C80LAP

Appropriate Blades

Centre Cut

# Specialised Force Partners

## DURAPAC

A leading force in high pressure hydraulic tools

## maxell ZUMI

Within, the Future

World class manufacturer of hydraulic crimping and cutting equipment



## Hearthill

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Industrial and electrical tool company



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Portable tools for lifting and pulling loads

## alkitronic

Home of torque power, torque multipliers for the perfect torque

## cbc

World quality tube bending machines



## MARUZEN

Japanese leader in low pressure breakers, drivers and pumps



## HILMAN

The partner you need when moving installing and relocating heavy machines

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Japanese quality concrete re-bar preparation tools

## National Footprint



**9 BRANCHES & 6 SERVICE CENTRES**  
AUSTRALIA WIDE



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TEL: (02) 9547 1844  
FAX: (02) 9547 2236  
sales@specialisedforce.com.au

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NORTHGATE QLD 4013  
TEL: (07) 3256 6011  
FAX: (07) 3256 6055  
qldsales@specialisedforce.com.au

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FAX: (08)83527257  
sasales@specialisedforce.com.au

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KILSYTH VIC 3137  
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FAX: (03) 9761 4966  
vicsales@specialisedforce.com.au

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nqsales@specialisedforce.com.au

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wasales@specialisedforce.com

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WEDGEFIELD WA 6721  
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