تكنيكا للتجارة ش.ذ.م.م
TECHNICA TRADING LLC

شركة تكنيكا للمعدات الصناعية ولوازم مواد البناء

INDUSTRIAL EQUIPMENT AND PROCESSING FACTORIES

Produced in Italy

P.O BOX: 232267, DUBAI - UNITED ARAB EMIRATES
MOB: +971 50 1230493, +971 56 750 7077, TEL: +971 4 2678919, FAX: +971 4 2678912
E-MAIL: sales@technica-uae.com, www.technicatrading.com

SI40 NOVA

Technical Details:

Cast iron worktable dimensions	mm	560 x 940
Max. saw blade diameter with scoring blade installed	mm	400
Saw blade tilting		90° ÷ 45°
Max. saw blade projection from table at 90°	mm	138
Max. saw blade projection from table at 45°	mm	98
Saw speed	rpm	4000
Squaring stroke	mm	3200
Scoring blade diameter	mm	120
Scoring blade speed	rpm	9200
Cutting width on rip fence	mm	1270
Three-phase motor (scoring blade)	HP	0,75
Exhaust outlet diameter (on machine base)		120
Exhaust outlet diameter (on saw guard)		60
Manual tilting blade		
Manual blade feeding		
6.6 Hp 50 Hz 400 V		

Technical Details:

Max cutting height at 90°	mm	140 with blade 400
Max cutting height at 45°	mm	97 with blade 400
Blade tilt	degrees	45
Blades lifting and tilt		manual
Main blade rotating speed	rpm	3700
Scoring unit rotating speed	rpm	8500
Saw unit **motor power**		HP 9,5 , HZ 50
Scoring unit **motor power**		HP 1.2 , HZ 50
Squaring capacity:		3200x3200
-w. 3200 mm carriage		
Cutting width on parallel fence	mm	1270
Exhaust outlet diameter		120
-at the base	mm	80
-on overhead protection	mm	60
-on riving knife	mm	

Standard Settings:

- Anodized aluminium alloy carriage
- Sliding carriage length 3200mm
- Lifting and tilting of saw unit
- Squaring frame
- Outfeed table extensions
- Manual rip fence with position reading on metric rule
- Ripping capacity on parallel fence 1270 mm
- Direct start main motor with pushbuttons
- Independent powered scoring unit

Emergency pushbutton located on the front machine side

- Overload protection
- Blade protection on riving knife
- Padlockable main switch
- Auxiliary low voltage circuit (110 voltage

SI400 NOVA

Technical Details:

Cast iron table	560 x 840 mm
Blade diameter	315 mm
Depth of cut at 90 degrees	100 mm
Depth of cut at 45 degrees	70 mm
Beam stroke	160-3,260 mm
Ripping width	1,270 mm
Scoring blade	100 mm
Motor	5.5HP-50Hz, three-phase
Dust extraction outlets	120mm dia.

SC4 ELITE

FORMULA S40

Technical Details:

Max. Cutting height at 90°	mm	140 with blade 400
Max Cutting Height at 45°	mm	97 with blade 400
Blade Tilt	degrees	45
Blade lifting and tilt		Manual
Main blade rotating speed	Rpm	3700
Scoring unit rotating speed	Rmp	8500
Saw unit motor power		HP 9,5 HZ 50
Scoring unit power		HP 1.2 HZ 50
Squaring capacity -w. 3200 mm carriage	Rmp	3200X3200
Cutting width on parallel fence	mm	1270
Exhaust outlet diameter -at the base	mm	120
-on overhead protection	mm	80
-on riving knife	mm	60

Standard Settings:

- Anodized aluminium alloy carriage
- Sliding carriage length 3200mm
- Lifting and tilting of saw unit
- Squaring frame
- Outfeed table extensions
- Manual rip fence with position reading on metric rule
- Ripping capacity on parallel fence 1270 mm
- Direct start main motor with pushbuttons
- Independent powered scoring unit
- Emergency pushbutton located on the front machine side
- Overload protection
- Blade protection on riving knife
- Padlockable main switch
- Auxiliary low voltage circuit (110 voltage)

F410 NOVA

Technical Details:

nova		F 410
Working width	mm	410
Total worktables length	mm	2610
Cutterblock diameter (n. of knives)	mm	120 (4)
Spindle speed	rpm	5000
Surface fence tilting		from 90° to -45°
Main motor power	kW (HP)	5 (7)

Technical Details:

nova		F 520
Working width	mm	520
Total worktables length	mm	2750
Cutterblock diameter (n. of knives)	mm	120 (4)
Spindle speed	rpm	5000
Surface fence tilting		from 90° to -45°
Main motor power	kW (HP)	5 (7)
Exhaust Outlet diameter	mm	120
Extraction Flow rate to 20 m/sec	m^3/h	814
Basic machine weight	kg	720

F520 NOVA

F52 ELITE S

Technical Details:

f 52 elite s		
Working width	520	mm
Cutter block diameter / standard knives	120 / 4	mm / n.
Max. stock removal	8	mm
Surfacing tables total length	2250	m/min
Three-phase motor starting from	5kW (6,6hp) 50Hz 6kW (8hp) 60Hz	

Technical Details:

Planer working width	mm	410
Cutter block diameter (mm)/n. of knives standard		95/4
Surfacing tables total length	mm	2200
Three-phase motor power starting from		5 (6) kW - 50 (60) Hz

F41 ELITE S

F2

Technical Details:

WORKING WIDTH	530	mm
CUTTER BLOCK DIAMETER	125/4	(mm/ no. of knives)
DIMENSIONS OF STANDARED KNIVES	35x3x530	mm
MAX. STOCK REMOVAL	8	mm
TOTAL LENGTH OF TABLE	2900	mm

Other technical features:

THREE PHASE MOTOR	7.5HP	50Hz
EXHAUST HOODS DIAMETER	160	mm

SP1

Technical Details:

Working width	520 mm
Worktable length	1000 mm
Working height	300 mm
Max cutting depth	8mm
Feed speed	5/8/12/18 m/min
Worktable fitting lifting	•(o- no CE)
Exhaust hood diameter	150 mm
Outfeed rubber roller	•
2nd outfeed rubber roller	o
2 rollers on the worktable	o
1st sectioned infeed roller	o
Electrical Features	Electrical Features
3X400V	•
5,5HP (4kW) – direct start)	-
7,5Hp (5,5kW) – YD manual start	•
10HP (7,5kW) – YD automatic start	o
Automatic star-delta start	o
• = standard o = optional	

Technical Details:

Working width	mm	630
Worktable dimensions	mm	640x1.000
Max. working height	mm	300
Min. working height	mm	3,5
Min. working length	mm	260
Spindle Speed	Rmp	4.500
Feed speed	m/min.	5-8, 12-18
Main motor power	HP	12 HP, 50Hz

S630 NOVA

S520 NOVA

Technical Details:

Working width	mm	520
Worktable dimensions	mm	530x900
Max. working height	mm	300
Min. working height	mm	3,5
Min. working length	mm	220
Spindle Speed	Rmp	4.500
Feed speed	m/min.	5-8, 12-18
Main motor power	HP	12 HP, 50Hz

S52 ELITE S

The new Elite S thicknessing planer with 520 mm working width, professional, massive and compact, for a high-flexible production; ideal for the demanding craftsman and carpentry.

Technical Details:

Working width	520	mm
Cutter block diameter / standard knives	120 / 4	mm / n.
Feed speed on thicknesser	5/8/12/18	mm / n.
Min. ÷ max. working height on thicknesser	3 ÷ 240	mm
Three-phase motor starting from	7kW (9,5hp) 50Hz	

High technology at a competitive price in a thicknessing planer for demanding craftsmen and carpentries.

Technical Details:

Working width	mm	410
Cutter block diameter of knives standard	(mm)/n	95/4
Min. ÷ max. working height on thicknesser 6,6 Hp 50 Hz 400 V	mm	3÷ 240

S 41 ELITE S

TI 105 NOVA

Technical Details:

Machine type		manual
Work table dimensions - with optional saw carriage	mm	1200x855 1200x530
Spindle tilting		0° / + 45°
Spindle height Ø 30-35 (Ø 40-50)	mm	125 (125)
Spindle base projection from table	mm	2
Max. tool diameter retractable under work table	mm	240x80
Max. tool diameter retractable under work table at 45°	mm	150x80
Spindle speed	rpm	3500 – 6000 – 8000 – 10000
Motor power		7HP, 5Hz

Technical Details:

Table dimensions	mm	1200x605
Max spindle working length	mm	125
Spindle moulder unit tilting		90°- 45°
Spindle moulder speeds (50Hz)	rpm	3500-6000-8000-10000
Max diameter of linear profiling tool	mm	230
Max tool diameter when tenoning	mm	320 (300)
Max diameter of tool lowered under table at 90°		240
Exhaust diameter		120
7 Hp 400V 50 Hz		

T55 W ELITE S

TF 100 NOVA

Technical Details:

Work table dimensions	mm	1080 x 855
Spindle height Ø 30-35 (Ø 40-50)	mm	125 (125)
Spindle base projection from table	mm	2
Max. tool diameter retractable under work table	mm	2400X80
Spindle speed	Rpm	3500 – 6000 – 8000 – 10000
Electro spindle motor power (S6-40%) 5kg W	kw	5
External diameter of section outlet on the spindle moulder hood	mm	120
Section outlet diameter on base	mm	120
Extractor System -air speed - air consumption	m/s m^3h	20 1650
Basic Machine weight	kg	330

Technical Details:

Work table dimensions	mm	1200x730
Spindle height Ø 30-35 (Ø 40-50)	mm	140 (180)
Spindle base projection from table	mm	5
Max. tool diameter retractable under work table	mm	320X85
Spindle speed	Rpm	3000 – 4500 – 6000 – 7000 – 10000
Electro spindle motor power (S6-40%) 5kg W	kw	5
External diameter of section outlet on the spindle moulder hood	mm	120
Section outlet diameter on base	mm	120
Extractor System -air speed - air consumption	m/s m^3h	20 1650
Basic Machine weight	kg	405

TF 110 NOVA

CU410

Surface Planer :

Working width of surfacing tables	mm	410
Total lenght of surface tables	mm	1.800
No. of knives	nr.	3
Planing and ripping dual purpose tilting fence 90/45 degree		

Thicknessing Unit :

Thicknessing table dimensions - mm 605x410
Feed speed on thicknesser - m/min 7 Min./Max.
Working height on thicknesser - mm 3/230

Circular Saw :

Saw spindle moulder table dimensions - mm 339x1100
Saw blade tilting - 90/45 degree Max.
Diameter of saw blade with installed scoring unit - mm 315 Max. Sawblade projection at 90 deg. From table blade Ø 315 mm 100 Max.
Squaring stroke mm2250 Cutting width on rip fence mm 900

Spindle Moulder:

Max. Spindle working height mm 135
Spindle moulder speeds (50 hz) rpm 1400/3500/6000/8000 Max diameter of tool lowered under table mm 210
Max tool diameter when tenoning mm 275
nr. 3 motors
6,6 Hp each motor 400 V 50 Hz

Technical Details:

max. working width	410	mm
total length of surfacing worktables	1800	mm
max. stock removal	4	mm
thicknessing table dimensions	605x420	mm
tiltable surface fence	90-45	deg.
spindle speed	5200	rpm
min/max working height on thicknesser	3/230	mm
feed speed on thicknesser	7	m/min
exhaust hoods on operating groups diam.	120	mm
motor power	5.5HP-50Hz, 400v	

FS41 CLASSIC

FS52 ELITE S

Technical Details:

working width	mm	520
(mm)/no. of standard knives		120/4
Standard knives dimensions	mm	520x30x3
Max. stock removal	mm	5
Surfacing total length	mm	2250
Thicknessing table dimensions	mm	520x850
Feed speed on thicknesser	m/min	5/8/12/18
Min ÷ max. working height on thicknesser	mm	3÷240

ME 25

Technical Details:

Workable dimensions	mm	2600x530
Worktable height	mm	904
Thickness of rolled edges	mm	0.4 ÷ 3
Max. thickness of edges in strips	mm	5
Min. ÷ max panel height	mm	12 ÷ 50
Min. panel length/ width	mm	190 / 65
Feed speed	m/min.	7
Pneumatic operating pressure	Bar	6,5
Edge roll plate diameter	mm	730
Exhaust outlet diameter	mm	120
Exhaust outlet glue pot diameter	mm	60
GLUE POT UNIT		
Motor power		1,2
Operating temperature	Kw	20 ÷ 190
Glue capacity	~	-0,5
END CUTTING UNIT	Kg	
Motor power		0,37
End cutting blade	Kw	Ø 90 mm Z20
Blade rotation speed	Rmp	12.000
TRIMMING UNIT		
Motor power		0,75
Cutters rotation speed	Kw	12.000
Widia cutters	Rmp	Ø 75 MM Z4

Technical Details:

Workable dimensions	mm	1950x180
Worktable height	mm	904
Thickness of rolled edges	mm	0,4 ÷ 2
Max. thickness of edges in strips	mm	5
Min. ÷ max panel height	mm	12 ÷ 50
Min. panel length/ width	mm	180/65
Min. panel length (frontal end cutting only)	mm	120
Feeder motor power	Kw	0,25
Feed speed	m/min.	6
Pneumatic operating pressure	Bar	6,5
Operating temperature	°C	190
Exhaust outlet diameter	Mm	120
GLUE POT UNIT		
Motor power	Kw	0,18
Glue capacity	Kg	-0,5
TRIMMING UNIT		
Motor power	Kw	0,55
Widia cutters		Ø 75 mm Z4
Cutters rotation speed	Rmp-t/min	12.000

ME 20

OLIMPIC K 800

Technical Details:

- track feed speed m/min	m/min	11 (11-16 opt)
- panel thickness mm	mm	8-60
- edge thickness mm	mm	0,4-8 (12 opt.)
- max thickness of rolled edge mm	mm	3
- max. section of rolled edges	mm^2	135
- coil-holder plate diameter mm	mm	780
- max. exceeding material to the panel thickness`	mm	4 (2+2)
- min. panel width 55 mm	(210 mm min.length)	55

- min. panel length:	(100 mm min. width)
* edges in rolls or strips,	3mm max. 140 mm
* solid wood panels	200 mm
1. min. distance between two successive panels:	
* 11 m/min speed 750 mm	
* 16 m/min speed 850 mm	

OLYMPIC K100

Technical Details:

Belt feed speed	m/min	7
Panel thickness	mm	8-50
Thickness of edges in strips	mm	0,4-3)
Thickness of rolled edges	mm	0,4-3
Max. section of rolled edges	mm²	150
Coil-holder plate diameter	mm	700
Exceeding material to the panel thickness	mm	2+2
Distance between two successive panels:	mm	600
Min. panel length with edge in rolls (100 mm min. width)	mm	160
Min. panel length with edge in strips (100 mm min. width)	mm	180
Min. length edge in rolls	mm	200
Min. length edge in strips	mm	220
Min. panel width (210 mm min. length)	mm	110
Worktable height	mm	900
Width for fixed panel support roller	mm	615

ME 35

Technical Details:

Work Table Dimensions	mm	3000 X 525
Work Table Height	mm	904
Thickness of Rolled Edges	mm	0,4 ÷ 3
Thickness of Edges In Strips	mm	Up to 5
Min. ÷ Max. Panel Height	mm	8 ÷ 50
Min. Panel Length/width With Rolled Edges	mm	190/110
Min. Panel Length Cut Only on The Front	mm	120
Feed Speed	m/min	7
Feed Motor Power	S1/kW	0,55
Pneumatic Operating Pressure	Bar	6,5
Exhaust Outlet Diameter	Mm	120
Operating Temperature	°C	20 ÷ 190

Technical Details:

Distance between centers	mm	1150
Centers height	mm	200
4 chuck speed	Rpm	570/1000/1850/2500
Tape drive with morse taper	N.	2
Ball Bearing center with morse taper	N.	2
Face Plate diameter	mm	130
Max. Working Length	mm	1120
Max. Diameter	33	200
Three phase motor 1,5kW (2hp)50 Hz 1,8kW (2.5hp)60 Hz		Standard
Single phase motor 1,5kW (2hp)50 Hz		Optional

T124

Z 1000

Technical Details:

Arm length	mm	1000
Veneer thickness	mm	0,4÷2
Feed speed	m/1'	10÷25
Total electric power	HP	0,7
Noise measurement	dB	73,5
Weight	kg	200
Overall dimensions	mm	1350x500x1300
Packing overall dimensions	mm	1500x620x1500

Z-650

Technical Details:

Arm length	mm	650
Veneer thickness	mm	0,4÷2
Feed speed	m/1'	9
Total electric power	HP	0,2
Noise measurement	dB	73,5
Weight	kg	40
Overall dimensions	mm	860x320x450
Packing overall dimensions	mm	900x350x500

Special features

pressure beam movement driven by two hydraulic cylinders knife-beam movement driven by a 5,5 CV gear motor

Technical Details:

Working Useful cutting length	mm	3100
Pressure stroke	mm	45
Max. rear feed depth	mm	500
Min rear feed depth	mm	25
Pressure of inlet compressed air	bar	-
Pipe Ø for compressed air inlet	-	-
Required air pressure	dm3	-
Total installed electric power	HP(kW)	6,5 (4,85)
Noise measurement	dB	64
Weight	kg	2200
Overall dimensions	mm	4200x770x1850h

CIM 31

CIP 31

Technical Details:

Useful cutting length	mm	3100
Pressor Stroke	mm	45
Max. rear feed depth	mm	500
Min. rear feed depth	mm	25
Pressure of inlet compressed air	bar	6÷8
Pipe Ø for compressed air inlet		3/8”
Required air pressure	dm3	40
Rear feed motor power*	hp (kW)	0,5 (0,37)
Total installed electric power	hp (kW)	-
Noise measurement	dB	64
Weight	kg	2200
Overall dimensions	mm	4200X750X1850

Special features

pressure beam movement driven by two hydraulic cylinders knife-beam movement driven by a 5,5 CV gear motor

Technical Details:

Diameter of saw wheels	mm	800
Max. cutting height	mm	450
Max. cutting width	mm	780
Table height from floor	mm	970
Table size	mm	710x1030
Length of blade	max/min	5630/5530
Max. width of blade	mm	40x0,6
Motor power	hp	5,5
R.P.M. of wheels		780
Dust extrac. Outlet	mm	2 x Ø 120

SP800

SP 700

Technical Details:

Diameter of saw wheels	mm	700
Max. cutting height	mm	380
Max. cutting width	mm	680
Table height from floor	mm	900
Table size	mm	650x950
Length of blade	max/min	4970/4870
Max. width of blade	mm	35x0,6
Motor power hp 4 R.P.M. of wheels		765
Dust extrac. Outlet	mm	2 x Ø 100

KNIFE GRINDER MACHINE

Technical Details:

		AC650	AC850
Max. Length To Grind	mm	650	850
Grind Stone Motor Power	HP	0,75	0,75
Grind Stone Motor Speed	rpm	2800	2800
Feed Motor Speed	HP	0,25	0,25
Compressed Grindstone	mm	127x45x16	127x45x16
No. Of Knives To Grind	nr.	4	4
Grinding Angle	degree	41	41
Adjustable Support	degree	0-45	0-45
Weight	kg	90	110

Technical Details:

Three phase motor power	4 (3)	HP(KW)
Power supply	380V 50	HZ
Motor speed	2800	rmp
Blade diameter	Ø 400	mm
Blade bore diameter	Ø 30	mm
Dust chute diameter on blade guard	Ø 60	mm
Rear dust chute diameter	Ø 100	mm
Table dimensions	1145x1860	mm
Maximum cut width Ø 350	20x710	mm
Maximum cut witdh Ø 400	20x705	mm
Length of cut H max Ø 350	100x640	mm
Length of cut H max Ø 400	125x610	mm
Maximum cut depth Ø 350	100	mm
Maximum cut depth Ø 400	125	mm
Max. height of blade from table Ø 350	70	mm
Max. height of blade from table Ø 400	45	mm
Max. cutting height at 45° Ø 350 max	60	mm
Max. cutting height at 45° Ø 400	80	mm
Max. cutting height arm 45° on right side	20x500 > 100x450	
Max. cutting height arm 45° on left side	20x310 > 100x260	

BIG 800

Technical Details:

		VC-4	VC-6
Steel Band Width	mm	10-40	20-60
Band Thickness	mm	0,5 – 1,1	0,6 – 1,1
Power Absorbed	kW	4,7	6,5

Butt welding machine for band saw blades, metal bands in general and, on request, for round-section wires or tubes. Reliable, inexpensive and very easy to use. Manual welding and annealing. Shear included.

VC 4/VC 6

AM70

SHARPENING CIRCULAR SAWS BLADES

Teeth profile: Triangular
Circular saws blade inside diameter [min-max]: 20-50 mm
Circular saws blade outside diameter [min-max]: 110-600 mm
Sharpening Pitch [min-max]: 5-15 mm
Sharpening speed [teeth/minute]: 54

SHARPENING BANDSAW BLADES

Teeth profile: Triangular
Bandsaw thickness [min-max]: 0.5-1.5 mm
Bandsaw width [min-max]: 10-70 mm
Sharpening pitch [min-max]: 5-30 mm
Sharpening speed [teeth/minute]: 54

SETTING BANDSAW BLADES

Bandsaw thickness [min-max]: 0.5-1 mm
Bandsaw width [min-max]: 10-45 mm
Setting pitch [min-max]: 5-25 mm
Setting speed [teeth/minute]: 107-162

GENERAL CHARACTERSISTICS

Motors power: n 2 x 0.18 Kw
Motors power: n 1 x 0.25 Kw
Wheel grinder dim.[Ext x Int x thickness]: 150 x 20 x 6 mm
Net- Gross weight: 102-159 kg
Machine dimensions [H x W x D]: }260 x 90 x 70
Packing dimensions [H x W x D]: 171 x 92 81 cm

21 PRESTIGE

Technical Details:

Number of spindles (LEFT RED - RIGHT BLACK)	21 (10 - 11)	
Interaxis between spindles	32	mm
Interaxis between first and last spindle	640	mm
Max boring depth	65	mm
Inside diameter of quick change bushes	10	mm
Max height of clamps from working table	70	mm
Max dimensions of the working piece	900X3000X60	mm
Height of the working table	860	mm
Dimensions of the working table	885X375	mm
Number of clamps	2	
Number of motors	1	
Motor power	2 (1,5) HP	KW
Motor R.P.M. (50 Hz)	2800	rpm
Noise level (Max allowed 90 dB)	76,1	dB
Working air pressure	6-8	BAR
Standard air pressure consumption	10 l/ciclo-cycle	
Overall dimension	1030 x 1030 x 1285	mm
Max. cutting height arm 45° on left side	20x310 > 100x260	mm

Technical Details:

MULTISPINDLE BORING MACHINE
400 V – 50 Hz
Nr. 1 HORIZONTALE HEAD 23 SPINDLES
Nr. 2 VERTICALE HEAD 23 SPINDLES
Nr. 1 3000X120MM FENCE +2 STANDARDSTOPS+2
Nr. 2 CLAMPS
Nr. 15 BUSHES

323 DIGIT 3 HEADS

STEFF 2044

Technical Details:

Motor Power	0.7 / 1 (0.52/0.75)	Hp(Kw)
Working Speed (m-min)	4-8-11-22 (50 Hz)	4-8-11-22 (50 Hz)
Number of Rollers	4	
Roller Diameter	120	mm
Roller Width	60	mm
Roller Excursion	20	mm

MULTI RIP SAW M3 – 35 HP

Max. width of blades pack	300	mm
Feed track width	300	mm
Max. blade diameter	350	mm
Minimum blades diameter	200	mm
Minimum workpiece length	390	mm
Sawblade sleeve diam. (blade bore)	70	mm
Keys dimensions on the sawblade sleeve	20 x 5	mm
Blades rotation speed	4.200	rpm
Continuously adjustable feed track speed	6-48	m/min
Worktable height from floor	750	mm
Distance between base and first blade on right part	200	mm
Worktable dimensions	1.530 x 950	mm
Exhaust outlet diameter for blades	200	mm
Exhaust outlet diameter for feed track	120	mm
Volume of exhaust air outlet at 25m/sec	3.850	m3/h
Net weight	1.800	kg
Feed belt motor power at 50Hz	1.5	Hp

NPC 6/95

Technical Details:

Platen working sizes	3000x1300	mm
Pressing cylinders	6	Nr
Ram's diameter	70	mm
Ram's stroke	400	mm
Max total thrust	90	Ton
Intermediate Platen	1	
Number of daylight	2	Nr
Opening	200	mm
Side loading	3000	mm

Structure

Fe 430 steel beams welded together;
Locating surfaces are CNC tool machined
Double rack and pinion system (both length and crosswise) to grant a perfect platens' parallelism when
the mobile one is moving up/downward.
Between the press structure and the heating platen there is a sheet of insulating material.
The bottom platen is hooked to the press structure ; the upper platen is hooked to the platens supporting structure
Platens covered by a 10/10 Aluminium sheet
The platens are connected by hoses (types according to the used heating medium) to the manifold (even if the press is sold without heating plant).

Hydraulic system

Hydraulic power unit composed by a double stage pump and a motor which are submersed in the hydraulic oil for a less noisiness and a better lubrication of the rotating parts.
60 l/min closing stage (high delivery at low pressure)
2,6 l/min thrusting stage (low delivery at high pressure)
3 Hp electric motor
Unit fitted with the following control and safety valves which are located in a group over the hydraulic oil tank lid:
- relief valve for the closing stage. After the platen closing it cuts off the oil delivery; lower absorbed power and less hydraulic oil heating up;
- relief valve for the thrusting stage. It avoids over pressures in the circuit;
- keeping pressure valve;
- valve to release the pressure smoothly;
- solenoid valve to discharge the oil quickly;
- filters both in the inlet and outlet to avoid foreign bodies from circulating in the circuit.

Thrusting cylinders are made of steel for mechanical application and according to Ormamacchine design.
Rams are thickness chromium plated; they slide over guiding bushings made of antifriction material and are constantly lubricated by the hydraulic oil.
All hydraulic components are engineered and tested at higher conditions than those of normal working for a safer and longer working life.
The main control panel includes:

Touch screen keyboard for:

1) Setting out and display of the working pressure
2) Setting out and display of the working temperature (electric oil boiler only)
3) Setting out and display of the pressing timer
4) Digital setting out of the heating plant automatic switching on. Possibility of setting out all week days
5) Switching ON/OFF of one set of pistons (Switching ON/OFF is standard on 8/10 piston presses – option on 4/6 piston presses)
6) Setting out the power consumption of the electric boiler choking
   - Dual timed press closing push buttons; press opening push button.
   - Main on/off switch.
   - Tension lamp.

Heating system

- Electrical heater
- Max heating fluid temperature 130 °C
- Heating fluid Oil
- System

NPC 6/110

Technical Details:

Platen working sizes	3000x1300	mm
Pressing cylinders	6	Nr
Ram's diameter	85	mm
Ram's stroke	450	mm
Max total thrust	120	Ton
Intermediate Platen	2	
Number of daylight	2	Nr
Opening	150	mm
Side loading	3000	mm

Control Board with Touch screen
Electric oil boiler heating system with the possibility to use only 50% of the power

Structure

Fe 430 steel beams welded together;
Locating surfaces are CNC tool machined
Double rack and pinion system (both length and crosswise) to grant a perfect platens' parallelism when the mobile one is moving up/downward.
Between the press structure and the heating platen there is a sheet of insulating material.
The bottom platen is hooked to the press structure ; the upper platen is hooked to the platens supporting structure
Platens covered by a 10/10 Aluminum sheet
The platens are connected by hoses (types according to the used heating medium) to the manifold (even if the press is sold without heating plant).

Hydraulic system

Hydraulic power unit composed by a double stage pump and a motor which are submersed in the hydraulic oil for a less noisiness and a better lubrication of the rotating parts.
60 l/min closing stage (high delivery at low pressure)
2,6 l/min thrusting stage (low delivery at high pressure)
3 Hp electric motor
Unit fitted with the following control and safety valves which are located in a group over the hydraulic oil tank lid:
- relief valve for the closing stage. After the platen closing it cuts off the oil delivery; lower absorbed power and less hydraulic oil heating up;
- relief valve for the thrusting stage. It avoids over pressures in the circuit;
- keeping pressure valve;
- valve to release the pressure smoothly;
- solenoid valve to discharge the oil quickly;
- filters both in the inlet and outlet to avoid foreign bodies from circulating in the circuit.

Thrusting cylinders are made of steel for mechanical application and according to Orma machine design.
Rams are thickness chromium plated; they slide over guiding bushings made of antifriction material and are constantly lubricated by the hydraulic oil.
All hydraulic components are engineered and tested at higher conditions than those of normal working for a safer and longer working life.

Electric system : The main control panel includes:

Touch screen keyboard for:

7) Setting out and display of the working pressure
8) Setting out and display of the working temperature (electric oil boiler only)
9) Setting out and display of the pressing timer
10) Digital setting out of the heating plant automatic switching on. Possibility of setting out all week days
11) Switching ON/OFF of one set of pistons (Switching ON/OFF is standard on 8/10 piston presses – option on 4/6 piston presses)
12) Setting out the power consumption of the electric boiler choking Dual timed press closing push buttons; press opening push button.
    - Main on/off switch.
    - Tension lamp.

Heating system

- Electrical heater
- Heating fluid Oil
- Max heating fluid temperature 130 °C

25/14 MEMBRANE PRESS MACHINE

Technical Details:

Platen dimensions	2500x1400	mm
Inside dimensions of the tray	2340x1300	mm
Max total thrust	240	Ton
Stroke	100	mm
Opening	100	mm
Max specific pressure	5	kg/cm2
Pressing pistons	4	Nr.
Piston diameter	140	mm
Auxiliary pistons for fast closing	2	Nr.
Auxiliary piston diameter	40/25	mm
Maximum vacuum	0,5	m/bar

Electric Consumption

Power supply	400/3/50	V/ph/Hz
Platen heating	12	kW
Air heating by heat exchanger	3	kW
Hydraulic pump	2,2	kW
Vacuum pump (60 cubic meter/hr)	2,4	kW
Loading unit motor	1,5	kW

VANTAGE 95

Technical Details:

Cutting dimensions		
Cutting length (L)	mm	4500
Cutting depth/pusher run	mm	4300
Blade projection	mm	95
Worktop		
Fixed worktop fence side (nr.1)	mm	1800x600x960H
Fixed worktop (nr.3) L.4500	mm	1800X600X960H
Grippers		
Standard quantity (nr.6)	L.	4500
Maximum quantity per version (nr.9)	L.	4500
Axis speed (mt./min)		
Adjustable blade carriage speed	m/1'	3÷70
Return speed of blade carriage	m/1'	70
Blade carriage motor output	kw	1,1
Pusher feeding speed	m/1'	25
Pusher return speed	m/1'	60
Pusher motor output	kw	1,5

Technical Details:

Main blade		
Motor output v400/3/50	Kw	9,2
Rotation speed	Mt./min/	4660
Blade Ø	Mm	350
Shaft Ø	mm	75
Scoring Unit Blade		
Motor output v400/3/50	Kw	1,1
Rotation speed	Mt./min/	6300
Blade Ø	Mm	150
Shaft Ø	Mm	45
Post-forming scoring unit Ø	Kw	250
Various		
Installed power (main blade kw 9,2)	Kw	16
Installed power (main blade kw 11)	Kw	18
Standard voltage	NL/min.	V400/3/50HZ
Compressed air consumption	Bar	100
Pressure required to feed the machine	Mc/h	6
Air extracted (extraction velocity 25 m/sec.)	Mm	4600
Extraction exit Ø	°C	Nr. 2 Ø 80 + nr.1 Ø 150 + nr.1 Ø100
Room temperature		+5° + 35°

SANDYA
600 RCS 135

Technical Details:

working width	mm	1,350
min/max. working thickness	mm	4-170
sanding belt width	mm	1,370
sanding belt length	mm	2,150
main motor power	HP	20
Feed belt motor power	HP	2
Feed speed	m/min	3.5 to 18

"LOGIC SC" Electronic control
LCD display with two line and dustproof membrane keyboard with integrated LED signal

Double Gooseneck Narrow Belt
LS 3000

Technical Details:

Worktable length	Mm	3000
Belt length	Mm	8100
Worktable width	Mm	1100
Vertical stroke of worktable	Mm	580
Abrasive belt width	Mm	150
Abrasive belt length	Mm	7100
Dust extraction outlet diameter	Mm	140
Depth of gooseneck	Mm	820
Pulley diameter	Mm	250
Pad dimensions	Mm	150 X 360

Sander for Edges - Unilev 15

Technical Details:

work table length	Mm	960
work table width	Mm	350
work table height	Mm	230
Sanding unit length	Mm	1050
Sanding unit width	Mm	200
abrasive belt length	Mm	3000
abrasive belt height	Mm	150
sanding unit tilting	Mm	90° ÷ 45°
powered roller diameter	Mm	100
belt speed	m/sec	20
rotating belt motor power	kW	3
oscillating belt motor power	kW	0,25
spindle speed	rpm	2840
vertical oscillating	mm	20
exhaust hood diameter	mm	80 ; 100

AIR REFRIGERATOR DRYER ES/25 – 2400 LT/MIN

Technical Details:

CFM	87,1
BAR	16
PSI	230
VOLT	230
PH	50
Ø	3/4”

AIR REFRIGERATOR DRYER MODEL: ES/32 – 3000 LT/MIN

Technical Details:

CFM	111,8
BAR	16
PSI	230
VOLT	230
PH	50
Ø	1”

Technical Details:

Tank Capacity	200
Lt./min	320
CFM	11,3
Cylinders	2
Stages	1
Bar	10
PSI	145
HP	3
Volt	230
Hz	50
dB/A	74

GS17/200/320

GS25 270/500 CAR/T

Technical Details:

Lt.	270
Lt./min	500
CFM	17,6
Cylinders	2
Stages	1
Bar	10
PSI	145
HP	4
Volt	400
Hz	50
dB/A	78

Technical Details:

Tank Capacity	500 LITER
Air intake	600 lit/min; 21,2 CFM
Revolution per min	1.450
No. of cylinder/ stages	2+2
Max. working pressure	11 bar;159 PSI
Motor power	4KW; 5,5 HP
Power supply	400 V 50 Hz
Noise level	78 dB/A

GS35/500/600/PF-T

GS35/500/1200TD

Technical Details:

Tank Capacity	500 LITER
Air intake	1200 lit/min; 42,4 CFM
Revolution per min	1.450
No. of cylinder/ stages	2+2
Max. working pressure	11 bar;159 PSI
Motor power	5,5 + 5,5 HP
Power supply	400 V 50 Hz
Noise level	79 dB/A

Technical Details:

Tank Capacity	1.000 LITER
Air intake	2000 lit/min: 60 CFM
No. of Cylinders/stages	2+2
Max working pressure	11 bar: 159 PSI
Motor power	10 + 10 HP
Power supply	400 V 50 HZ
Noise level	78 dB/A

GS38/1000/2000TD

HORIZONTAL BIT MORTISER

- Horizontal mortiser with overload switch protection

Technical Details:

Work table dimensions	320 x 600	mm
Longitudinal stroke	245	mm
Vertical stroke	165	mm
Transversal stroke	205	mm
Bits diameter	1 ÷ 20	mm
Spindle speed	2840	rpm
Three-phase motor	2,2kW 50Hz	

BIT MORTISING MACHINE CTM 220

Technical Details:

Table dimension	530 x 230	mm
- Max. slot depth	220	mm
- Max. slot length	200	mm
- Vertical stroke	200	mm
- Mortising chuck Wescott	0-16	
- Chuck speed	2800	rpm
- Motor power	2	HP
- Weight	250	Kg

Standard equipment:

- Steel guides
- Eccentric clamp
- Dust extraction hood ø 80 mm

LEONARDO 3PH

Technical Details:

Electric motor	kW	0,37
Transversal stroke Max(A)	mm	200
Longitudenal stroke Max(B)	mm	120
Vertical stroke Max(C)	mm	110
Cutter diam Min	mm	5
Cutter diam Max	mm	12
Standard cutter older	mm	8
Voltage	Volt	400
Frequency	Hz	50
Miling jig	qty	1
Service pressure	Bar	7(Min 2)
Spindle speed	rpm	10.000
Working table height	mm	860

GIOTTO

Technical Details:

Manual single head copy router with pneumatic clamps and lubrification, equipped with nr.1 manual tracer point. Working capacities 200x120x110mm. Tool at 10000rpm. Threephase motor 0,5HP.

Standard Equipments

Collet D. 8mm
Pneumatic clamping set
Tracer point with 3 diameters: 5/8/10mm
Copy template for standard executions
Profile's stop

MASTER

Technical Details:

Manual single head copy router with pneumatic clamps and lubrification, with manual tracer points. Working capacities 330x150x130mm. Tool at 12000rpm. Threephase motor 1HP

Standard Equipments

Collet D. 8mm
Pneumatic clamping set
2x tracer points with 3 diameters: 5/8/10 mm
Copy template for standard executions
Profile's stop

LUNA 450

Technical Details:

Single head cutting off machine with automatic raising blade.
Possibility to perform trimming operations. Three phase motor 2HP.

Standard Equipments

Vertical pneumatic clamping set -(horizontal clamps not included)
Full protection of the blade – TCT Saw Blade ø450 mm
- Trimming fence - Air filter- Air gun

Technical Details:

3PH 3 HP 400 V 50 HZ - Blade Ø 400 mm
Single head cutting off machine for aluminium with pneumatic downward movement of the blade. Turning table. Head tilt from 90° to 45° on the left. Manual locking device at any intermediate angle. 2HP three-phase motor

VENUS 400

BORA 500

Technical Details:

Single head cutting off machine, pneumatic tilting of the head.
Equipped with TCT Saw Blade D.500 mm, tilting of the unit from
22,30° to 90°, to 45°. Threephase motor 3HP. Working pressure 7 bar.
Overall dimensions: 100x150x180 cm. Weight: 420 kg.

Standard Equipments

TCT Saw Blade D. 500 mm – Horizontal pneumatic clamping set – Air filter –
Full protection of the blade - Pneumatic protection carter – Air gun- Service spanners

Technical Details:

ELECTRIC MOTOR	kW HP	5,5 7.5
BLADE SHAFT REVOLUTIN	Rmp	3000
MAX BLADE SIZE	Mm	350
WEIGHT WITHOUT PEDESTAL	Kg	154
WEIGHT WITH PEDESTAL	Kg	160
PACKAGE DIMENSION	mm	520 840 560

Cutting Capacity

TMS450	O	□	
0°	120	95X95	115X90
45°	105	80X80	80X90

- 400 VOLT – 50 HZ – 3PH

33 MINOR

TMS 400

Technical Details:

ELECTRIC MOTOR	kW HP	1,45 2,0
BLADE SHAFT REVOLUTIN	Rmp	3000
MAX BLADE SIZE	Mm	400
WEIGHT WITHOUT PEDESTAL	Kg	90
WEIGHT WITH PEDESTAL	Kg	105
PACKAGE DIMENSION	Mm	560 900 510

Cutting Capacity

TMS400	O		
0°	135	125x125	220x65
45°	130	115x11	170x60

- 230 VOLT – 50 HZ – 1 PH

TMS 450G

Technical Details:

ELECTRIC MOTOR	kW HP	2,2 3.0
BLADE SHAFT REVOLUTIN	Rmp	3000
MAX BLADE SIZE	Mm	450
WEIGHT WITHOUT PEDESTAL	Kg	-
WEIGHT WITH PEDESTAL	Kg	145
PACKAGE DIMENSION	mm	700 750 1130

Cutting Capacity

TMS450	O		
0°	145	135	330X70 200X100
45°	145	125	240X55 185X50

- 400 VOLT – 50 HZ – 3PH

RETTA

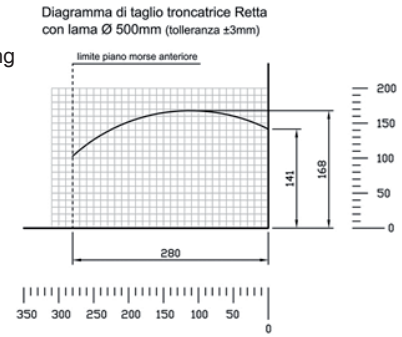
Technical Details:

Single head cutting off machine 90° cut with automatic raising up of the blade for mass production, blade's feeding adjustable, automatic bar feeder adjustable from 0 to 600mm, fully automatic cutting operation, full protection of the head.

Standard Equipments

Bar feeder with double stroke
TCT Saw Blade Ø 500 mmPneumatic clamping
Spray mist unit
Counter Pieces
Air Gun
Air Filter

Cutting Diagram



Technical Details:

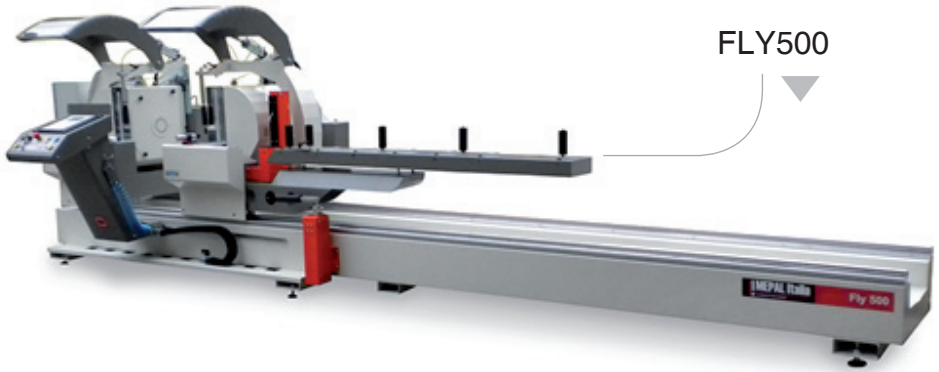
- Single head cutting off machine with frontal blade movement.
- Pneumatic tilting of the head.
- Equipped with TCT saw blade Ø600 for FAST600, head tilting 20°/90°/135°.
- Threephase motor 5.5 HP for FAST600

Standard Equipments

- TCT saw blade Ø600
- Nr. 2 horizontal pneumatic clamps
- Nr. 1 vertical pneumatic clamp
- Air filter
- Full protection of the blade
- Air gun

FAST 600

FLY500



Techincal Details:

CUTTING LENGTH 5MT

Double head cutting off machine with a fixed unit on the left and automatic right head movable by numeric control. Pneumatic tilting of both heads 90°/-45°/-22,30° mechanical stops for intermediate degrees. With horizontal and vertical pneumatic clamps, equipped with low pressure device, protection of the blades, movable side support 2,5 mtrs length. Pneumatic central support, pneumatic spray mist lubrification, with nr.2 TCT Saw Blades Ø 500mm.

EQUIPPED WITH ELECTRONIC POSITIONER ABLE TO:

Manage single cuts – Memorize 100 profile codes and their values – Memorize cutting list already calculated via keyboard – Manage frame typologies – Metric ruler with reading index – Memorize cutting list already calculated by USB.

BENDAMAX

Technical Details:

ELECTRIC MOTOR	kW	1,1
Distance between rollers	Rmp	170
Capacity on alu profiles	mm	40X8
Steel circular tubes	Kg	47,8 (FE360)
Voltage - Frequency	Kg	400/220-50/60
		1770
PACKAGE DIMENSION	mm	760x710x1430

Capacity

Maximum dimensions of the profiles and minimum diameter achievable.

'L' profile	mm/diam	35x35x5 / 600
'T' profile	mm/diam	35x5 / 600
'U' profile	mm/diam	40x20x5 / 600
Flat iron	mm/diam	50x12 / 500
Square Tube	mm/diam	40x40x2 / 600
Rectangular tube	mm/diam	50x30x2 / 700
Circular tube	mm/diam	47,8 / 600
Solid Square	mm/diam	20x20 / 600
Solid Round	mm/diam	22 /600

Bendamax Section Benders are used to bend aluminum window frames, roll steel, iron cap rails, bens motorcycles frames, & handlebars, bend exhaust pipes, roll flat bars the easy and hard way, bend square bars or roll square tubes, with the correct tooling any Bedamax bender can roll angle bar the hard way or easy and even roll oval tubes.

TECHNICAL SPECICATIONS:

Horizontal end milling machine with manual feeding, milling at 90°. Equipped with spindle at 2800rpm with useful stroke 250mm. Max cutter diameter 160mm. Threephase motor 1,5 HP

STANDARD EQUIPMENT:

Pneumatic clamping set – Turret stop for presetting 6 milling depts – Pneumatic lubrification Nr. 1 cutter block D. 32 mm – Full protection guard

IT 200

JOLLY

Technical Details:

Max. crimping force	Kgp	3500
Knives stroke	mm	12
Bracing clamps stroke	mm	120
Max. crimping height	mm	120
Horizontal operating range	mm	40

PNEUMATIC SUPPLY

Nominal Pressure	Bar	7
Max pressure	Bar	10

SVP 145

Technical Details:

Max length of cut	4200	mm
Max height of cut	2200	mm
Max height of horizontal cut	2080	mm
Max depth of cut	60	mm
Motor Output	5	HP
Blade diameter	250	mm
Blade speed	5300	rpm

Standard Devices

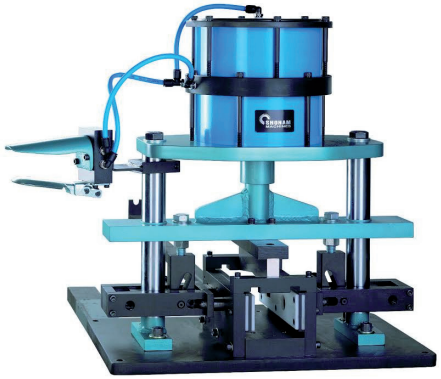
- Sliding support for narrow pieces
- V. Grooving Alucobond kit with adjustable thickness stop
- Cutters Ø 220 mm V. 90° with welded knives

SCREW COMPRESSOR

DUST COLLECTOR

PAINT BOOTH

GLASS CUTTING & BREAKING



PNEUMATIC PRESS MACHINE

DRILL PRESS

906 DIE GRINDER MAKITA

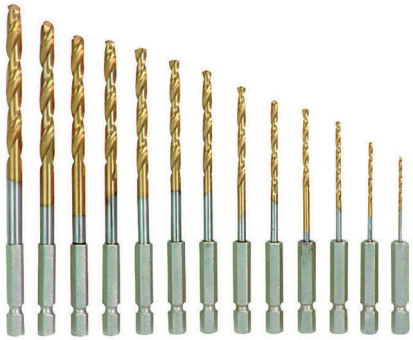
HACKSAW BLADE

BOLT FIXING MACHINE

COTON WASTE

DEWALT DWd 024

DEWALT DWE 4120



BOLT DRILL BITS MACHINE

DUSTER GUN

DEWALT DCD 732 D2

EARTH CLAMPS

ELECTRIC HOLDER

EXTENSION BOX 25 MTR

FISHER PLUG

GAS REGULATOR

GD 0600 DIE GRINDER

MAKITA JIGSAW 4326

HAMMER

HP 1640 DRILL MACHINE

IT SET FIXMAN

IT SET

MAKITA 6413 DRILL MACHINE

MAKITA 9557 GRINDER

MAKITA ALUMINIUM CUTTING BLADE

MASKING TAPE

PAINT BRUSH

RIVET GUN

RP 0900 COPY ROUTER

SCRAPPER

SCREW DRIVERS

SILICON GUN

SQUARE SCALE

SS SCREW

TELWIN WELDING MACHINE

TOOL BOX

TYFLON LINER

555 WELDING MACHINE

DOOR HANDLE

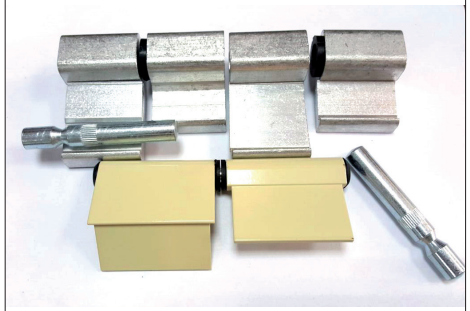
TOWER BOLT

STAINLEY WATER LEVEL

WD 40

SPRAY NOZZLE

GRANDER RUBBER PAD



ALUMINIUM HINGES

WELDING ACCESSORIES

COVERALL

FACE MASK

MEASURING TAPS

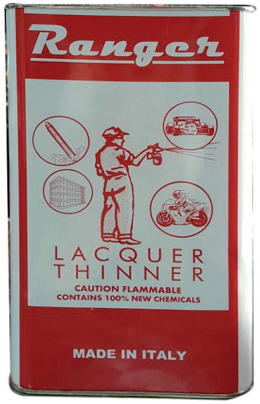
DUST MASK

M-SEAL

BONDO

BRASS ANCHOR

SPRAY PAINT



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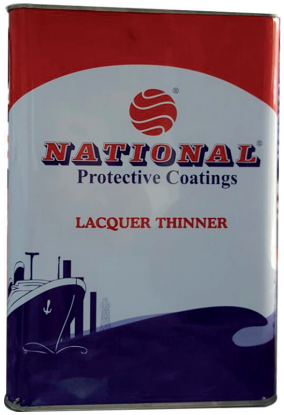


THINNER

ALUMINIUM FIBRE DISC

WELDING TORCH

SAFETY SHOES

SAFETY GLASSES

KNIFE

MAKITA CORDLESS DRILL
DF 457 DWE

DOOR HANDLE

SAFETY GLOVES

PVC ROLLER

SILICON GUN

WELDING WIRE

STEEL WHEEL

FIX BOLT

TWISTED CUP BRUSH

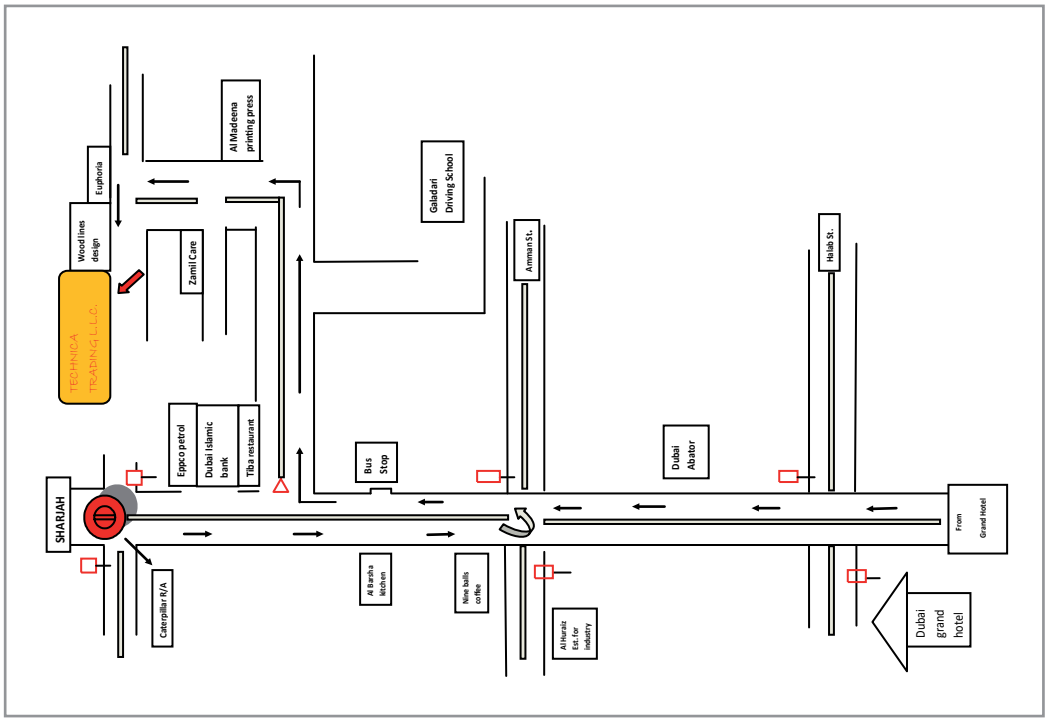
SAFETY HELMET

MARKER PEN

PLYER

CUTTING DISC

AJMAN OFFICE MAP



DUBAI OFFICE MAP

تكنيكا للتجارة ش.ذ.م.م
TECHNICA TRADING LLC

شركة تكنيكا للمعدات الصناعية ولوازم مواد البناء

INDUSTRIAL EQUIPMENT AND PROCESSING FACTORIES

P.O BOX: 23083, NEW INDUSTRIAL, AJMAN - UAE
MOB: +971 50 2110407, +971 56 750 7077, TEL: +971 6 7430 920, FAX: +971 6 7430921
E-MAIL: technicatr@yahoo.com, www.technicatrading.com