



THE TOOLS

**BOR LISTRIK ROTARY
(ROTARY HAMMER)
HEX W6380N (17mm)
13-6338-0000**



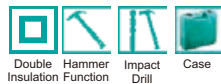
- HEXAGON (17mm)
- Drill Capacity : Ø38mm
 - Core Bit : Ø105mm
 - Daya Listrik / Volt : 1200W / 220V
 - No Load Speed : 400 Rpm
 - Impact Energy : 4000 Bpm
 - G.W. : 13.41 Kg
 - Include Mata Bor :
 - Drill : 22x350mm
 - Pointed Chisel : 16.5x350mm
 - Flat Chisel : 16.5x350mm
 - Hole Cutter : 65mm(size not fixed)
 - Central Drill : 8mm(size not fixed)
- Tersedia Sparepart



**BOR LISTRIK ROTARY
(ROTARY HAMMER)
HEX W6380 (17mm)
13-6380-1000**



- HEXAGON (17 mm)
- Drill Capacity : Ø38 mm
 - Impact Joule : 9 J
 - Daya Listrik / Volt : 1680W / 220V
 - No Load Speed : 400 Rpm
 - Impact Rate Speed : 4000 Bpm
 - G.W. : 12.65 Kg
 - Include Mata Bor :
 - Drill : 22x280mm
 - Pointed Chisel : 17x300mm
 - Flat Chisel : 17x300mm
 - Hole Cutter : 65mm(Size Not Fixed)
 - Central Drill : 8mm(Size Not Fixed)
- Tersedia Sparepart



**BOR PENGHANCUR BETON
HEX W6118 (17mm)
13-6118-0000**



- HEXAGON (17 mm)
- Impact Joule : 15 J
 - Daya Listrik / Volt : 1100W / 220V
 - Impact Rate Speed : 3800 Bpm
 - G.W. : 9.5 Kg
 - Include Mata Bor :
 - Pointed Chisel : 17x275mm
 - Flat Chisel : 17x275mm
- Tersedia Sparepart



**BOR PENGHANCUR BETON
HEX W6165 (30mm)
13-6165-0000**



- HEXAGON (30 mm)
- Impact Joule : 30 J
 - Daya Listrik / Volt : 1240W / 220V
 - Impact Rate Speed : 1900 Bpm
 - G.W. : 22.7 Kg
 - Include Mata Bor :
 - Pointed Chisel : 30x410mm
 - Flat Chisel : 30x410mm
- Tersedia Sparepart



**BOR PENGHANCUR BETON
HEX W6164 (30mm)
13-6164-0000**



- HEXAGON (30 mm)
- Impact Joules : 45 J
 - Daya Listrik / Volt : 1750 W / 220 V
 - Impact Rate Speed : 1300 Bpm
 - G.W. : 16.5 Kg
 - Include Mata Bor :
 - Pointed Chisel : 30x400mm
- Tersedia Sparepart



**DIE GRINDER SET (40PC)
W120 (3mm)
13-8120-0000**



- 3 mm
- Digital Display FLEXIBLE SHAFT
- Chuck Diameter : Ø3mm
 - Daya Listrik / Volt : 160W / 220V
 - No Load Speed : 8000-32000 Rpm
 - G.W. : 1.51 Kg
- Tersedia Sparepart



**DIE GRINDER
W8601 (6mm)
13-8601-0000**



- 6 mm
- Chuck Diameter : Ø6mm
 - Daya Listrik / Volt : 520W / 220V
 - No Load Speed : 30000 Rpm
 - G.W. : 2.32 Kg
- Tersedia Sparepart



**FLEXIBLE SHAFT GRINDER
SP368B
13-3368B-0000**



- Collet Size : 0.3 - 4 mm
 - Length : 900 mm(36")
 - Daya Listrik : 180 W
 - Volt : 220 V - 240 V
 - HP : 1/4 HP
 - Ampere : 1 A
 - No Load Speed : 500-20000 Rpm
 - G.W. : 3.84 Kg
- Tersedia Sparepart

**ALAT GRAVIR LISTRIK
(ENGRAVER)
EE-101 (3.2mm)
13-8101-0000**



- D.I.Y NO GUARANTEE
- 3.2 mm
- Bit Shank : 3.2mm
 - Variable Speed : 6000 Rpm
 - Daya Listrik / Volt : 13W / 220V
 - Engraving Bit : TCT Steel 3mm
 - G.W. : 0.43 Kg
 - Include :
 - 2Pcs Engraving Bits
 - 2Pcs Engraving Templates
 - 1Pcs Kunci L



**GERINDA MINI
(ELECTRIC MINI GRINDER)
DGM-812 (3.2mm)
13-8812-0000**



- D.I.Y NO GUARANTEE
- 3.2 mm
- Bit Shank : 3.2mm
 - Speed : 12000 Rpm
 - Daya Listrik / Volt : 220 V AC
 - Output : 12 V DC
 - G.W. : 0.47 Kg
 - Cable Length : 2m
 - Include :
 - 10Pcs Diamond Bits
 - 1Pcs Adaptor

**GERINDA MINI
(ELECTRIC MINI GRINDER)
DGM-818 (3.2mm)
13-8818-0000**



- D.I.Y NO GUARANTEE
- 3.2 mm
- Bit Shank : 3.2mm
 - Variable Speed : 18000 Rpm
 - Daya Listrik / Volt : 220 V AC
 - Output : 18 V DC
 - G.W. : 0.25 Kg
 - Include :
 - 20Pcs Diamond Bits
 - 1Pcs Adaptor

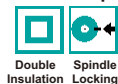


THE TOOLS

DISC GRINDER
W3435B (4")
13-3435B-0000
4" **BEST BUY**


- Disc Diameter : Ø100 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 650 W
- No Load Speed : 11000 Rpm
- G.W : 2.35 Kg

Tersedia Sparepart

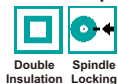


* D.Wheel not include

HAL 1.09
ADAPTOR CHAIN SAW MINI
DISC GRINDER
W3436 (4")
13-3436-0000
4" **BEST BUY**
SLIM MODEL


- Disc Diameter : Ø100 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 650 W
- No Load Speed : 11000 Rpm
- G.W : 2.25 Kg

Tersedia Sparepart



* D.Wheel not include

HAL 1.09
ADAPTOR CHAIN SAW MINI
DISC GRINDER
W3439 (4")
13-3439-0000
4"

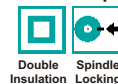

SWITCH SAMPING



FILTER

- Disc Diameter : Ø100 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 750 W
- No Load Speed : 11000 Rpm
- G.W : 2.26 Kg

Tersedia Sparepart

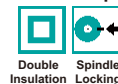


* D.Wheel not include

DISC GRINDER
WP-34HD (4")
13-3484-0000
4"


- Disc Diameter : Ø100 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 950 W
- No Load Speed : 12000 Rpm
- G.W : 2.3 Kg

Tersedia Sparepart

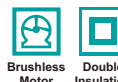


* D.Wheel not include

HAL 1.09
ADAPTOR CHAIN SAW MINI
DISC GRINDER (BRUSHLESS)
WP-34BS (4")
13-3485-0000
4" **BRUSHLESS MOTOR** **NEW**


- Disc Diameter : Ø100 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Working Power : **1000 W**
- Max Power : **1400 W**
- No Load Speed : 11000 Rpm
- G.W : 1.5 Kg

Tersedia Sparepart

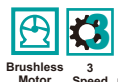


* D.Wheel not include

DISC GRINDER CORDLESS
W3110 (4") (BRUSHLESS)
13-3110-0000
4" **BRUSHLESS MOTOR** **NEW**


- Disc Diameter : Ø100 mm
- Rated Voltage (Battery) : 21V Li-ion **4Ah**
- No Load Speed : 8500 Rpm
- Measuring : 475x370x245mm
- G.W : 3.5 Kg
- Include : - Battery 2 Pcs
- - Charger 1 Pcs

Tersedia Sparepart

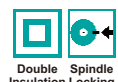


* D.Wheel not include

DISC GRINDER
WP-35HD (5")
13-3584-0000
5" **NEW**


- Disc Diameter : Ø125 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 1800 W
- No Load Speed : 9000 Rpm
- G.W : 4.96 Kg

Tersedia Sparepart

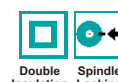


* D.Wheel not include

DISC GRINDER
WP-36HD (6")
13-3684-0000
6" **NEW**


- Disc Diameter : Ø150 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 1800 W
- No Load Speed : 8500 Rpm
- G.W : 5.02 Kg

Tersedia Sparepart

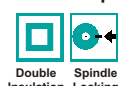


* D.Wheel not include

DISC GRINDER
WP-37HD (7")
13-3784-0000
7"


- Disc Diameter : Ø180 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 2600 W
- No Load Speed : 6500 Rpm
- G.W : 7.1 Kg

Tersedia Sparepart



* D.Wheel not include

DISC GRINDER (BRUSHLESS)
WP-37BS (7")
13-3785-0000
7" **BRUSHLESS MOTOR** **NEW**


- Disc Diameter: Ø180 mm
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : **4000 W**
- No Load Speed : 8500 Rpm
- G.W : 5.39 Kg

Tersedia Sparepart

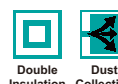


* D.Wheel not include

PLANER
W2821B (82mm)
13-2821B-0000
82 mm


- Max. Wide of Cutter : 82 mm
- Max. Cut-Depth : 1 mm
- Daya Listrik / Volt : 500W / 220V
- No Load Speed : 16000 Rpm
- G.W : 3.47 Kg

Tersedia Sparepart



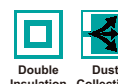
Double Insulation Dust Collecting

PLANER
W2820N (82mm)
13-2820N-1000
82 mm


Body Aluminium

- Max. Wide of Cutter : 82 mm
- Max. Cut-Depth : 2 mm
- Daya Listrik / Volt : 600W / 220V
- No Load Speed : 16300 Rpm
- G.W : 4.84 Kg

Tersedia Sparepart



Double Insulation Dust Collecting

THE TOOLS

PLANER
W2110 (110mm)
13-2110-0000

110 mm



- Max. Wide of Cutter : 110mm
- Max. Cut-Depth : 2mm
- Daya Listrik / Volt : 840W / 220V
- No Load Speed : 16000 Rpm
- G.W. : 4.69 Kg

Tersedia Sparepart



PLANER
W2155 (155mm)
13-2155-0000

155 mm



- Max. Wide of Cutter : 155 mm
- Max. Cut-Depth : 3 mm
- Daya Listrik / Volt : 1140W / 220V
- No Load Speed : 15000 Rpm
- G.W. : 11.4 Kg

Tersedia Sparepart



TRIMMER
W1080 (6mm)
13-1080-0000

6 mm



- Cut. Blade Dia. : Ø6 mm(1/4")
- Daya Listrik / Volt : 420W / 220V
- No Load Speed : 0-30000 Rpm
- G.W. : 2.45 Kg

Tersedia Sparepart



Double Insulation



TRIMMER
W1090 (6mm)
13-1090-0000

6 mm



- Cut. Blade Dia. : Ø6 mm(1/4")
- Daya Listrik / Volt : 550W / 220V
- No Load Speed : 0-30000 Rpm
- G.W. : 2.55 Kg

Tersedia Sparepart



Double Insulation

ROUTER
W1101B (12mm)
13-1101-1000

12 mm



- Chuck Diameter : Ø12.7mm(1/2")
- Spindle Thread : M20x1
- Daya Listrik / Volt : 930W / 220V
- No Load Speed : 0-23000 Rpm
- G.W. : 4.41 Kg

Tersedia Sparepart



Double Insulation



ROUTER
W1112 (12mm)
13-1112-0000

12 mm



- Chuck Diameter : Ø12mm(1/2")
- Daya Listrik / Volt : 1600W / 220V
- No Load Speed : 0-23000 Rpm
- G.W. : 6.7 Kg

Tersedia Sparepart



Double Insulation

ROUTER (VARIABLE SPEED)
W1123 (12mm)
13-1123-0000

12 mm

VARIABLE SPEED



HAL 1.09
COLLET SLEEVE

- Chuck Diameter : Ø12mm(1/2")
- Daya Listrik / Volt : 1850W / 220V
- No Load Speed : 5000-22000 Rpm
- G.W. : 8 Kg

Tersedia Sparepart



Double Variable Insulation Speed

CIRCULAR SAW
W9180 (180mm)
13-9180-0000

180 mm (7" / 180mm)



- Max. Cutting Cap. : 90° / 58 mm
- Blade Diameter : Ø180 mm
- No Load Speed : 0-5000 Rpm
- Daya Listrik / Volt : 1300W / 220V
- G.W. : 5.56 Kg
- Include Blade 180x40T

Tersedia Sparepart



Double Insulation

CIRCULAR SAW
W9185 (185mm)
13-9185-0000

185 mm



- Max. Cutting Cap. : 90° / 60 mm
- Blade Diameter : Ø185 mm
- No Load Speed : 0-5500 Rpm
- Daya Listrik / Volt : 1050W / 220V
- G.W. : 5 Kg
- Include Blade 185x24T

Tersedia Sparepart



Double Insulation



CIRCULAR SAW
W9235 (235mm)
13-9235-0000

235 mm (9" / 235mm)



- Max. Cutting Cap. : 90° / 85 mm
- Blade Diameter : Ø235 mm
- No Load Speed : 0-4200 Rpm
- Daya Listrik / Volt : 2000W / 220V
- G.W. : 9.35 Kg
- Include Blade 235x60T

Tersedia Sparepart



Double Insulation

JIG SAW (VARIABLE SPEED)
W1555B
13-2555-0000

VARIABLE SPEED



HAL 1.10
JIG SAW BLADE

- Cut Capacity Steel : 10 mm
- Wood : 60 mm
- Daya Listrik / Volt : 500W / 220V
- No Load Speed : 500-3000 Rpm
- G.W. : 3.64 Kg

Tersedia Sparepart



Double Variable Insulation Speed

MARBLE CUTTER
W9110A (110mm)
13-9110-1000

110 mm



- Max Cutting Cap. : 33 mm
- Blade Diameter : Ø110 mm
- No Load Speed : 14000 Rpm
- Daya Listrik / Volt : 1300 W / 220V
- G.W. : 3.92 Kg



Double Insulation

THE TOOLS

ORBITAL SANDER
W4937
13-4937-0000


- Cushion Size : 110x100 mm
 - Daya Listrik / Volt : 170W / 220V
 - No Load Speed : 0-12000 Rpm
 - G.W. : 1.48 Kg
- Tersedia Sparepart



Double Insulation

ORBITAL SANDER
W4935
13-4935-0000


- Cushion Size : 92x183 mm
 - Daya Listrik / Volt : 220W / 220V
 - No Load Speed : 0-10000 Rpm
 - G.W. : 2.3 Kg
- Tersedia Sparepart



Double Insulation

ORBITAL SANDER
W4933
13-4933-0000


- Cushion Size : 114x234 mm
 - Daya Listrik / Volt : 300 W / 220 V
 - No Load Speed : 0-10000 Rpm
 - G.W. : 3.2 Kg
- Tersedia Sparepart



Double Insulation

BELT SANDER
W4763
13-4763-0000


- Sanding Belt Size : 76x533 mm
 - Daya Listrik / Volt : 1050 W / 220 V
 - No Load Speed : 0-380 Rpm
 - G.W. : 5.3 Kg
- Tersedia Sparepart



Double Insulation Dust Collecting

BELT SANDER
W4100
13-4100-0000


- Sanding Belt Size : 100x610 mm
 - Daya Listrik / Volt : 1200 W / 220 V
 - No Load Speed : 0-480 Rpm
 - G.W. : 6.6 Kg
- Tersedia Sparepart



Double Insulation Dust Collecting

MESIN POTONG RUMPUT (ELECTRIC)
WP-3003
41-3003-0000


- Rated Voltage : 220-240 V
 - Frequency : 50 Hz
 - Input Power : 1300 W
 - Wheel Dia. : Ø305 mm
 - No Load Speed : 7000 r/min
- Tersedia Sparepart

BLOWER
W4014N
13-4014-0000


- No Load Speed : 16000 Rpm
 - Daya Listrik / Volt : 750W/220V
 - G.W. : 2.5 Kg
- Tersedia Sparepart



Double Insulation

BLOWER & VACUUM
W4015
13-4015-0000


- No Load Speed : 15000 Rpm
 - Daya Listrik / Volt : 650W/220V
 - G.W. : 4.25 Kg
- Tersedia Sparepart



Double Insulation Dust Collecting

HOT AIR GUN
WJ-5100 (50°C - 550°C)
13-5100-0000


- Temperature (Low) : 50-300°C
- Temperature (High) : 50-550°C
- Air Flow (Low) : 190-210L/Min
- Air Flow (High) : 310-350L/Min
- Daya Listrik : 1500 W
- G.W. : 1.07 Kg



Double Insulation Variable Speed

HOT AIR GUN 3 SPEED
W5300 (70°C - 600°C)
13-5300-0000


- Pos 1 : 70° C 300L/Min
- Pos 2 : 70° C - 600°C 300L/Min
- Pos 3 : 70° C - 600°C 500L/Min
- Daya Listrik : 150W - 2000W/220V
- G.W. : 1.57 Kg



Double Insulation Variable Speed

DISC POLISHER (VARIABLE SPEED)
W7500 (5")
13-7500-0000


- Disc Diameter : Ø125 mm (5")
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 450 W
- No Load Speed : 0~4800 Rpm
- G.W. : 1.75 Kg



Double Insulation Variable Speed

BACKING PAD
& FOAM POLISHING
DISC POLISHER (VARIABLE SPEED)
W7750 (7")
13-7750-0000


- Disc Diameter : Ø180 mm (7")
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 900 W
- No Load Speed : 0~2500 Rpm
- G.W. : 2.9 Kg



Double Insulation Variable Speed

BACKING PAD,
WOOL POLES & FOAM POLISHING

**DISC POLISHER
(VARIABLE SPEED)
W7700V (7")
13-7700-0000**

7"

**VARIABLE
SPEED**



**BACKING PAD
M16 x 2**

- Disc Diameter : Ø180 mm (7")
- Rated Voltage : 220 V
- Frequency : 50 Hz
- Input Power : 1200 W
- No Load Speed : 600~3000 Rpm
- G.W. : 4.45 Kg



**HAL
1.10
BACKING PAD
&
WOOL POLES**

**MESIN ORBITAL SANDER
MULTIFUNGSI
W4215 (6")
13-4215-0000**

6"



Eccentric Movement

- Disc Diameter : Ø150mm
- Daya Listrik : 710W / 220V
- Eccentric Rotating Speed : 3000-6660/min
- Eccentricity : 4 mm
- G.W. : 4.38 Kg
- Include :
- 6" Foam Polishing Fine
- 6" Amplas P100, P150, P240
- Obeng

**HAL
15.01
AMPLAS
BULAT**



**MESIN AMPLAS TEMBOK
W4225 (9")
13-4225-0000**

9"



- Disc Diameter : Ø225 mm
- Daya Listrik : 710W / 220V
- No. Load Speed : 700 - 1700 Rpm
- Short Length (without extension) : 120 cm
- Long Length (with extension) : 170 cm
- N.W. / G.W. : 4.2 / 6.3 Kg

- Include :
- 9" Amplas P80, P100, P120, P150, P180, P240
 - Obeng
 - Kunci L m/ ballpoint
 - Pin Lock
 - Carbon Brush
- Tersedia Sparepart



THE TOOLS

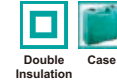
**ALAT BUKA BAUT
EW-616 (1/2")
13-6616-0000**

1/2"



- Suit for small car
- Shaft : (1/2") 12.7x12.7 mm
 - No. Load Speed : 1900 Rpm
 - Input Power : 300 W
 - Rated Voltage : 220 V
 - Max. Torque : 200 N.m
 - Working Range : M10-M16
 - Include : 1 Pcs socket 24mm for bolt size 36mm

Tersedia Sparepart



**ALAT BUKA BAUT
EW-624 (3/4")
13-6624-0000**

3/4"



Most Light Duty Vehicles

- Shaft : (3/4") 19x19 mm
- No. Load Speed : 1700 Rpm
- Input Power : 600 W
- Rated Voltage : 220 V
- Max. Torque : 500 N.m
- Working Range : M18-M24
- Include : 1 Pcs socket 30mm for bolt size 46mm

Tersedia Sparepart



**ALAT BUKA BAUT
EW-636 (1")
13-6636-0000**

1"



Except Big 8 Wheels Truck Others are oke

- Shaft : (1") 25.4x25.4 mm
- No. Load Speed : 1400 Rpm
- Input Power : 1050 W
- Rated Voltage : 220 V
- Max. Torque : 1100 N.m
- Working Range : M24-M36
- Include : 1 pcs socket 41mm

Tersedia Sparepart



**MESIN BUKA BAUT TRUK
MODEL PANJANG
DM-1033
41-1033-**



Head Only

NEW

[13.01]

Mesin untuk membongkar dan merakit baut-U untuk truk pengangkut, truk sampah, traktor dll.

- Motor : 380V~50Hz, 5.5kw, 1455r/min
- Output Speed: 13r/min
- Max. Torque : 550kg/m
- Thread : 1"
- N.W. / G.W. : 82 / 110Kg
- Meas : 220x43x50cm

Tersedia Sparepart Head Only



**MESIN BLOWER
(ENGINE)
W4018
13-4018-0000**

BENSIN 2 TAK

[7.14]



- Max. Power : 0.75kw / 7.500rpm
- Displacement: 26cc
- Mixed Fuel Ratio: 25:1
- Fuel Tank Capacity: 0.65L
- Average Air Volume: 0.13m³/s
- Dimension: 400x260x360mm
- G.W. : 5 kg

**MESIN BOR TANAH
(ENGINE)
W6580 (100mm)
13-6580-0000**

100 mm

BENSIN 2 TAK

[7.14]

**ENGINE
1E44F-5**



- Bit Size : Ø100x800 mm
- Max. Power : 1.8kw / 6.500rpm
- Displacement : 49cc
- Mixed Fuel Ratio : 25:1
- Fuel Tank Cap. : 1.2L
- Dimension : 550x360x330mm 760x210x210mm
- G.W. : 12 kg
- Include :
- 1 Pcs Blade 100x800 mm
- 1 Pcs Tank
- 1 Pcs Kunci Pas 8x10 mm
- 2 Pcs Kunci L
- 1 Pcs Kunci Busi

Tersedia Sparepart



**GASOLINE CHAIN SAW
(ENGINE)
WP-5167 (22")
41-5167-0000**

22"

BENSIN 2 TAK

[7.14]



- Bar Length : 22" (55cm)
- Displacement : 54cc
- Rated Power : 2.2kw/3hp
- Max. Speed : 11000rpm
- Idle Speed : 3300±400rpm
- Fuel Capacity : 0.52 Liter
- Oil Capacity : 0.26 Liter
- Ignition System : CDI
- Carburetor Type : Diaphragm
- Bore/Stroke : 45.2/34mm
- Oil and Fuel Ratio = 1 : 40
- G.W. : 8.5 Kg

Tersedia Sparepart

**MESIN PENGADUK CAT
W5980
13-5980-0000**

120 mm



- Dia. Pengadukan : Ø120 mm
- Daya Listrik / Volt : 1200W / 220V
- No. Load Speed :
- Speed I : 0-500 Rpm
- Speed II : 0-700 Rpm
- G.W. : 5.3 Kg

Tersedia Sparepart K3 Mixing Rod & K4 Mixing Rod



THE TOOLS

MITRE SAW MACHINE
WP92519 (7.5")
13-9219-0000

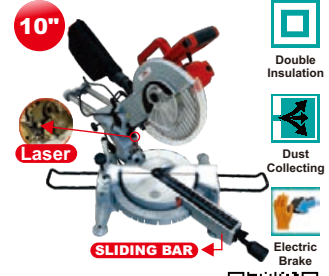

- Max. Cut. Capacity :
- 90° / 45x85 mm
- 45° / 45x60 mm
- Blade Diameter : Ø190 mm
- Daya Listrik : 800W / 220V
- No Load Speed: 5000 Rpm
- G.W : 7 Kg
- Tersedia Sparepart

MITRE SAW MACHINE
WP92551 (LS1040) (10")
13-9251-0000


- Max. Cut. Cap. :
- 90° / 70x150 mm
- 45° / 70x110 mm
- Blade Diameter : Ø255 mm
- Daya Listrik : 1600W / 220V
- No Load Speed: 4800 Rpm
- G.W : 15 Kg
- Tersedia Sparepart

MITRE SAW MACHINE
WP925514 (10")
13-9254-0000


- Max. Cut. Capacity :
- 90° / 55x120 mm
- 45° / 45x 85 mm
- Blade Diameter : Ø255 mm
- Daya Listrik : 1400W / 220V
- No Load Speed : 2800 Rpm
- G.W : 18 Kg
- Tersedia Sparepart

MITRE SAW MACHINE
WP925515 (10")
13-9255-0000


- Max. Cut. Capacity :
- 90° / 75x305 mm
- 45° / 75x210 mm
- 2x45° / 45x210 mm
- Blade Diameter : Ø255 mm
- Daya Listrik : 1600W / 220V
- No Load Speed : 4800 Rpm
- G.W : 18.2 Kg
- Tersedia Sparepart

CUT OFF MACHINE
WP-180 (7")
13-5180-0000


- Blade Diameter : Ø180 mm
- Daya Listrik / Volt : 1200W / 220V
- No Load Speed : 0-5000 Rpm
- Meas : 53x39.5x51 cm
- G.W. : 6 Kg



Double Insulation

CUT OFF MACHINE
WP356 (14")
13-5356-1000


- Blade Diameter : Ø355mm
- Daya Listrik / Volt : 2400W / 220V
- No Load Speed : 0-3900 Rpm
- N.W. : 16.8 Kg
- Tersedia Sparepart



Double Insulation

MESIN Gergaji BETON
(MULTIFUNGSI)
CS-355 (14")
13-5455-0000


- Blade Diameter : Ø355x25.4 mm
- Daya Listrik / Volt : 3200W / 220V
- No Load Speed : 0-4800 Rpm
- N.W / G.W. : 12.3 / 15.74 Kg
- Tersedia Carbon Brush



Double Insulation

CUT OFF MACHINE
HEAVY DUTY
TORNADO-100 (16")
13-5406-1


- Blade Diameter : Ø400 mm
- Daya Listrik / Volt : 2200W / 220V
- No. Load Speed : 2840 Rpm
- Cutting Capacity :
- Steel Tube: 135x6mm
- Angle Iron: 100x10mm
- Channel Steel: 126x53mm
- Round Bar Steel: 50mm
- Measuring : 75x45x52cm
- G.W. : 55.5

CUT OFF MACHINE
HEAVY DUTY
TORNADO-300 (16")
13-5406-3


- Blade Diameter : Ø400 mm
- Daya Listrik / Volt : 2600W / 380V
- No. Load Speed : 2840 Rpm
- Cutting Capacity :
- Steel Tube: 135x6mm
- Angle Iron: 100x10mm
- Channel Steel: 126x53mm
- Round Bar Steel: 50mm
- Measuring : 73x43x50cm
- G.W. : 54.5

CUT OFF MACHINE
WIPRO HEAVY DUTY
WP-400 / I (16")
13-5405-1


- Blade Diameter : Ø400mm
- Daya Listrik / Volt : 3000W / 220V
- No Load Speed : 2940 Rpm
- Cutting Capacity :
- Steel Tube: 135x6mm
- Angle iron: 100x10mm
- Channel Steel: 126x53mm
- Round Bar Steel: 50mm
- Measuring : 80x46x59 cm
- G.W. : 95 Kg

THE TOOLS

MESIN PEMBERSIH PIPA
W7011

13-7011-0000



- Voltage/Frequency : 220 V~50 Hz
- Input Power : 85 W
- Speed : 0~560 Rpm
- Drain Pipe Capacity : 3/4" - 1 1/2"
- Cable Size : Ø1/4" x 6.7 M
- Capability : 7 mm
- NW/GW : 4.38 / 5.28 Kg
- Meas. : 53.5x42.5x22 cm

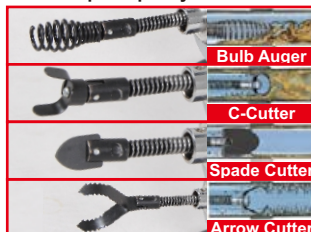


MESIN PEMBERSIH PIPA
W7062

13-7062-0000



- Cable Type : 9.5mm x 30 M
- Motor Speed : 1400 Rpm
- N.W. / G.W. : 38.3 / 48.1 Kg
- Meas : 65x41x60.5 cm
- Portable 8" Solid Rubber Tires
- 4 Piece cutter kit (1 Springs & 3 Blade)
- 33 cm x 16 cm Drum Dimension
- 250 W / 220 V / 50 Hz / 5/3 A
- 5" CGI power cord with 3pronged ground
- 4" Air operated foot switch
- 1" Square metal frame with rubber feet
- Drain Pipe Capacity : 2" - 4"

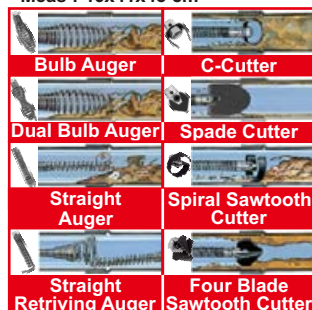


PEMBERSIH PIPA
WITH ELECTROMOTOR
W7075

13-7075-0000



- Applicable Dia. (Ø) : 20-100 mm
- Ext. Length : 30 M
- Soft shaft spec. (Ø) : - 8 mm x 5 M - 15 mm x 2.5 M - 16 mm x 2.5 M
- Rated voltage : 220 V
- Rated frequency : 50 Hz
- Input power : 390 W
- Rotate speed : 400 Rpm
- Protection class : Ip44
- Noise (db(A)) : ≤75
- G.W : 29 Kg
- Meas : 46x41x48 cm

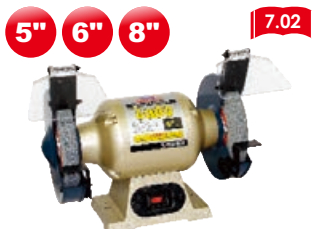


FUNCTION
DRAIN CLEANER TOOLS

- **Bulb Auger** : digunakan pada tahap awal dalam membersihkan kotoran dalam saluran pipa.
- **Dual Bulb Auger** : versi upgrade dari bulb auger, fleksibilitas lebih bagus & fungsi yang lebih optimal.
- **Straight Auger** : biasanya digunakan pada tahap awal untuk mengeksplorasi & membuka sumbatan dalam pipa.
- **Straight Retriving Auger** : untuk mengambil benda kecil yang sekiranya bisa diambil seperti flexible shaft, cincin dll.
- **C-Cutter** : Untuk membersihkan dari penyumbatan minyak / residu yang menyebabkan pembuntutan pada saluran pipa.
- **Spade Cutter** : digunakan setelah memakai auger sekaligus membersihkan sisa kotoran pada dinding pipa & juga bisa membuka sumbatan dalam saluran pipa.
- **Spiral Sawtooth Cutter** : untuk membersihkan penyumbatan seperti akar, ranting, bangkai hewan kecil dll.
- **Four Blade Sawtooth Cutter** : digunakan untuk menghilangkan sumbatan yang disebabkan oleh material yang mengeras & mengkilap seperti bahan kimia.
- **Arrow Cutter** : digunakan dalam membersihkan pipa dari bahan yang menempel pada dinding saluran pipa.

GERINDA DUDUK (5", 6", 8")

Order No.	Type
41-5105-	TDS-125(5")
41-5106-	TDS-150(6")
41-5109-	TDS-200(8")



Type	Wheel Size	Power
TDS-125	Ø125(5")x16x Ø12.7mm	180W/220V/ 2850Rpm
TDS-150	Ø150(6")x20x Ø12.7mm	250W/220V/ 2850Rpm
TDS-200	Ø200(8")x20x Ø15.88mm	375W/220V/ 2850Rpm

GERINDA DUDUK W/ LAMPU
(6", 8")

Order No.	Type
41-5406-	TDS-150VL(6")
41-5408-	TDS-200VL(8")



Type	Wheel Size	Power
TDS-150VL	Ø150(6")x20x Ø12.7mm	250W/220V/ 2000-2800Rpm
TDS-200VL	Ø200(8")x25x Ø15.88mm	550W/220V/ 2000-2800Rpm

GERINDA DUDUK
TDS-250 (10")

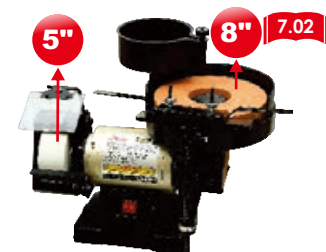
Order No.	Type
41-5111-	TDS-250 1 Phase
41-5113-	TDS-250 3 Phase



Type	Wheel Size	Power
TDS-250 1PHASE	Ø250(10")x25 xØ20mm	750W/220V/ 2850Rpm
TDS-250 3PHASE	Ø250(10")x25 Ø20mm	750W/380V/ 2850Rpm

GERINDA ASA
PLANNER BLADE
GD5X8

41-5658-



- Dry Stone Size : Ø125(5")x50x Ø12.7mm
- Dry Stone Speed : 2850Rpm
- Wet Stone Size : Ø200(8")x28x Ø18mm
- Wet Stone Speed : 320Rpm
- Motor Power : 250W - 220V

GERINDA DUDUK
AS PANJANG
GDP-01 (5")

41-5805-



- Max. Disc Dia. : Ø125mm (5")
- Voltage : 220V~50Hz
- Power : 1300W
- No-load Speed : 500-6000Rpm

GERINDA DUDUK
AS PANJANG (6", 8", 10")

Order No.	Type
41-5506-	TDS-150AP(6")
41-5508-	TDS-200AP(8")
41-5510-	TDS-250AP(10")



GERINDA DUDUK W/ LAMPU
GTC-6LP

41-5306-



- Wheel Size : Ø150(6")x20x Ø12.7mm
- Power : 220V ~ 50Hz 370W 2850Rpm
- Arbor Size : Ø32mm

GERINDA DUDUK
MINI MULTIFUNGSI
TDS-753

41-5203-



- Wheel Size : Ø75(3")x20xØ10mm
- Power : 120W/220V/0-10000Rpm

THE ACCESSORIES

ADAPTOR RIVETER
AI-2428
25-2428-

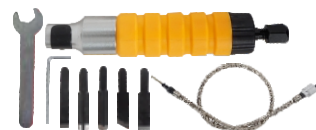

- Easy Install to electric drill 10mm
- Rivet size : 2.4 , 3.2 , 4 , 4.8 mm
- G.W. : 0.42 Kg

ADAPTOR GERGAJI LISTRIK
AGL-1555
62-3770-


- Dapat digunakan untuk memotong kayu dan logam
- Kecepatan yang disarankan untuk bor listrik yaitu : 800-1500rpm
- Length : 34cm
- Saw Material : 65Mn Steel
- G.W. : 0.43 Kg
- Tersedia Mata Gergaji Kayu & Besi

ADAPTOR POTONG PLAT
ANS-160
62-3760-


- Easy install to electric drill 10mm
- Kapasitas Potong :
 - Plat besi <1.8mm (<1.8mm)
 - Plat Stainless <1.2mm (<1.2mm)
 - Plat Aluminium/Tembaga ≤2mm
 - Plastik/Plywood ≤2mm
- Diameter : 0.3" / 7.62mm
- Shank Dia. : 1.06" / 27mm
- G.W. : 0.49 Kg

ADAPTOR ENGRAVING KNIFE
EE-102
13-8102-0000


- Bisa dimasukkan bor listrik dengan diameter 6mm
- G.W. : 0.55 Kg

D=6mm

ADAPTOR FOR
IMPACT WRENCH &
RATCHET WRENCHES
AW-1214
74-3870-1214


- Capacity : 1/2" Square drive to 1/4" hex bit shank.

- Length : 50mm
- N.W. / G.W. : 0.07 / 0.073 Kg

ADAPTOR IMPACT WRENCH
(FOR W6140)
74-3870-1215

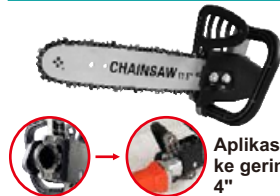

- Size : 1/2" to 13mm (1/2"x20UNF)
- Suitable for 13mm Drill chucks
- Suitable for Chucks with a 1/2"x20 UNF Thread

ADAPTOR BOR
DS-300
62-3730-01


- Bisa digunakan pada mesin bor (W6103, W6108, W6130, W6132)

ADAPTOR GERINDA
AGS-105 (DENGAN COVER)
62-3715-110


- Suit for : 100/115mm
- G.W. : 0.26 Kg

ADAPTOR CHAIN SAW MINI
W3017
13-3017-0000


- Applicable for Disc Grinder 4"

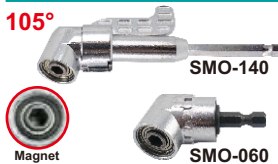
- Length Size : 11.5"
- Spindle Thread : M.10x1.5
- Tersedia Chain

SAMBUNGAN OBENG
FLEXIBLE
FS-07
15-6000-0700


- Hexagon handle (1/4 handle)
- Screwdriver head 6.365mm (1/4")
- Metal hose length 30cm (11.8")
- N.W. : 104 g

ADAPTOR MATA OBENG 105°
(Adjustable Hex Bit Angle Driver)

Order No.	Type
65-1900-0060	SMO-060
65-1900-0140	SMO-140



SPEC	SMO-060	SMO-140
Length	60mm	140mm
Shank Size	1/4"	
Socket Size	1/4" x 12.5mm w/ magnetic	
Weight	89	150

AMERICAN JOINT HANDPIECE

Order No.	Type
15-3368-2003	SP 368N-3 (0.3-4 mm)
15-3368-2004	SP 368-4 (0.3-6 mm)
15-3368-0005	SP 368-5 (Impact)


KEPALA BOR
FOR DISC GRINDER 4"
KGR-03
92-4512-0056


10x1.5mm

FLEXIBLE DRILL SHAFT
FS-06
15-6000-0665


- Size Length : 44"
- Capacity : 0.6-6.5mm
- Max. Speed : 6000rpm

AMERICAN JOINT SHAFT
SP 368-2
15-3368-2002

SP. FOR SP 368B

Order No.	Item
15-3368-0096	Key
15-3368-2096	CB
15-3368B-0001	Paddle


CHISEL KIT (FOR SP 368-5)

Order No.	Type	Size
15-3368-0110	CT110 (8Pcs)	#1to#9, #7(3/8")
15-3368-0120	CT120 (9Pcs)	#1to#9 (5/8")
15-3368-0130	CT130 (9Pcs)	#1to#9 (7/8")
15-3368-0140	CT140 (9Pcs)	#1to#9 (1 1/8")



FOR : SP 368-5 (IMPACT)

CIRCLE SAW BLADE
41-3003-0007


- For :
 - WP3003
 - MPR 328
 - MPR 411

KUNCI DISC GRINDER
KG 3 (10-30MM)
15-3003-1030

KABEL SET FULL COPPER
2 CORE
69-9235-0202


Size : 2 x 0.75 mm (2,5 Meter)

COLLET SLEEVE
FOR ROUTER
15-1121-0080


For SP. W1121, 1122, 1123, 1124

FLEXIBLE SHAFT
15-8120-0031
FOR :
DIE GRINDER W120

[illegible]

7" (W7700/7750)



4" M10x 1.5



(Mod. Tali)



**8" PW-215 Wave (215x180x40mm)
u/ Disc Polisher W7700V & W7750**



TYPE EE · EINE



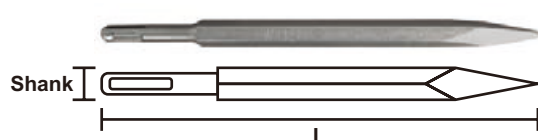
TYPE FR : ROUGH

THE ACCESSORIES

♦ MATA BOR MODEL LANCIP ♦

BOR CHISEL POINT (SDS) - MODEL LANCIP

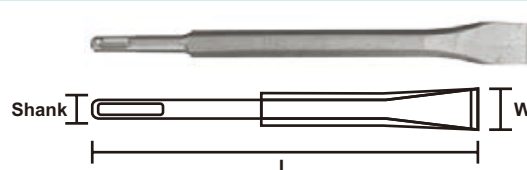
Order No.	Shank	Size		Weight (kg)
		Length (L)		
83-4114-2500	14mm	250mm		0.25



♦ MATA BOR MODEL PAKAP ♦

BOR CHISEL COLD (SDS) - MODEL PAKAP

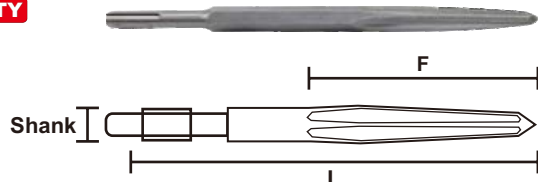
Order No.	Shank	Length (L)	Size		Weight (kg)
			Flat Width (W)		
83-4014-2520	14mm	250mm	20mm		0.26
83-4014-2522	14mm	250mm	22mm		
83-4014-2525	14mm	250mm	25mm		0.25
83-4014-2540	14mm	250mm	40mm		0.28



BOR CHISEL POINT (SDS) HEAVY DUTY - MODEL LANCIP

Order No.	Shank	Size		Weight (kg)
		Length (L)	Flute Length (F)	
83-4514-2500	14mm	250mm	100mm	0.209

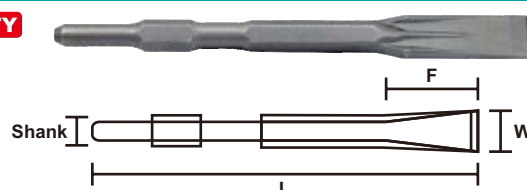
HEAVY DUTY



BOR CHISEL COLD (HEX) HEAVY DUTY - MODEL PAKAP

Order No.	Shank	Length (L)	Size		Weight (kg)
			Flute Length (F)	Flat Width (W)	
83-4617-2800	17mm	280mm	90mm	26.5mm	0.418
83-4617-4000	17mm	400mm	95mm	26.5mm	0.631

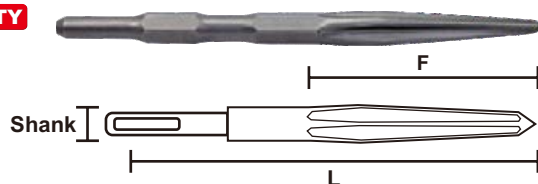
HEAVY DUTY



BOR CHISEL POINT (HEX) HEAVY DUTY - MODEL LANCIP

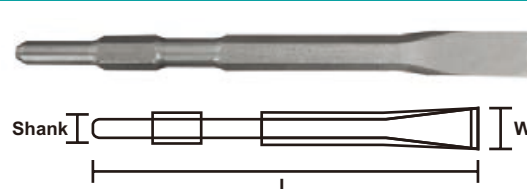
Order No.	Shank	Size		Weight (kg)
		Length (L)	Flute Length (F)	
83-4717-2800	17mm	280mm	130mm	0.372
83-4717-4000	17mm	400mm	130mm	0.593

HEAVY DUTY



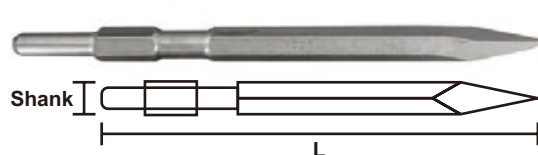
BOR CHISEL COLD (HEX) - MODEL PAKAP

Order No.	Shank	Length (L)	Size		Weight (kg)
			Flat Width (W)		
83-4217-2825	17mm	280mm	25mm		0.44
83-4217-2830	17mm	280mm	30mm		0.44
83-4217-2840	17mm	280mm	40mm		0.48
83-4217-4020	17mm	400mm	20mm		0.66
83-4217-4022	17mm	400mm	22mm		
83-4217-4025	17mm	400mm	25mm		0.67
83-4217-4030	17mm	400mm	30mm		0.68
83-4217-4040	17mm	400mm	40mm		0.72
83-4217-4050	17mm	400mm	50mm		0.74
83-4221-3225	21mm	320mm	25mm		0.76
83-4221-3230	21mm	320mm	30mm		0.76
83-4221-3240	21mm	320mm	40mm		0.80
83-4221-3250	21mm	320mm	50mm		0.87
83-4230-4130	30mm	410mm	30mm		1.53
83-4230-4135	30mm	410mm	35mm		1.55
83-4230-4140	30mm	410mm	40mm		1.61



BOR CHISEL POINT (HEX) - MODEL LANCIP

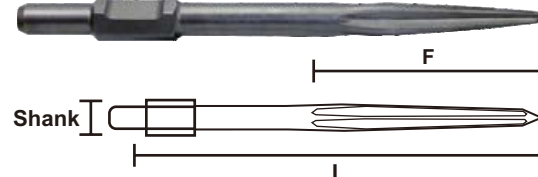
Order No.	Shank	Size		Weight (kg)
		Length (L)		
83-4317-2800	17mm	280mm		0.42
83-4317-4000	17mm	400mm		0.65
83-4321-3200	21mm	320mm		0.73
83-4321-4500	21mm	450mm		1.10
83-4330-4100	30mm	410mm		1.48
83-4330-4500	30mm	500mm		1.90



BOR CHISEL POINT (HEX) HEAVY DUTY - MODEL LANCIP

Order No.	Shank	Size		Weight (kg)
		Length (L)	Flute Length (F)	
83-4730-4100	30mm	410mm	155mm	1.4

HEAVY DUTY



BOR CHISEL COLD (HEX) HEAVY DUTY - MODEL PAKAP

Order No.	Shank	Length (L)	Size		Weight (kg)
			Flute Length (F)	Flat Width (W)	
83-4630-4100	30mm	410mm	125mm	37.5mm	1.484

HEAVY DUTY



ROTARY TOOL KIT SET
DGA-082 (82PCS)
 25-8128-0082

82 Pcs

Shank 1/8"(3.2 mm)

- 2 Pcs Grinding Wheels (green)
- 2 Pcs Grinding Wheels (orange)
- 1 Pcs Steel Brush
- 1 Pcs Mandrel for Felt Wheel
- 1 Pcs Mandrel for Cut Off Wheel
- 5 Pcs Diamond Wheel Points
- 4 Pcs Sanding Bands (big)
- 4 Pcs Sanding Bands (small)
- 2 Pcs Mandrel for Sanding Bands
- 36 Pcs Cut-Off Wheels
- 1 Pcs Polishing Compound
- 12 Pcs Grinding Wheels
- 1 Pcs Dressing Stone
- 1 Pcs Felt Tip
- 3 Pcs Felt Wheels (1" dia)
- 4 Pcs Felt Wheels (1/2" dia)
- 2 Pcs Collets (3.2mm, 2.4mm)



ROTARY TOOL KIT SET
DGA-239 (239PCS)
 25-8128-0239

239 Pcs D.I.Y

Shank 1/8"(3.2 mm)

- 4 Pcs Collets (2x3.2mm, 1x2.3mm, 1x1.6mm)
- 16 Pcs Sanding Bands (12.7x12.7mm)
- 16 Pcs Sanding Bands (6.3x12.7mm)
- 2 Pcs Felt Wheel Point (9.5x19mm)
- 1 Pcs Felt Wheels (12.7x12.7mm)
- 4 Pcs Felt Wheels (12.7x6.3mm)
- 1 Pcs Wrench
- 60 Pcs Sanding Paper
- 1 Pcs Rubber Emery Wheel (22x2.5mm)
- 1 Pcs Diamond Wheel
- 1 Pcs Cloth Wheel (25x4.5mm)
- 6 Pcs Cut Off Wheels Fiberglass (32x1.2mm)
- 12 Pcs Grinding Wheels (20x3.2mm)
- 4 Pcs Collets (2x3.2mm, 1x2.3mm, 1x1.6mm)
- 16 Pcs Sanding Bands (12.7x12.7mm)
- 16 Pcs Sanding Bands (6.3x12.7mm)
- 2 Pcs Felt Wheel Point (9.5x19mm)
- 1 Pcs Felt Wheels (12.7x12.7mm)
- 4 Pcs Felt Wheels (12.7x6.3mm)
- 1 Pcs Wrench
- 60 Pcs Sanding Paper
- 1 Pcs Rubber Emery Wheel (22x2.5mm)
- 1 Pcs Diamond Wheel
- 1 Pcs Cloth Wheel (25x4.5mm)
- 6 Pcs Cut Off Wheels Fiberglass (32x1.2mm)
- 12 Pcs Grinding Wheels (20x3.2mm)



ROTARY TOOL KIT SET
WS300 (300PCS)
 25-8120-0300

300 Pcs D.I.Y

Shank 1/8"(3.2 mm)

- 1Pcs Felt Wheel Pointed: 3/8" x 13/16"
- 1Pcs Dressing Stone 1"x3/8"
- 10Pcs Sanding Bands: 1/4" x 1/2"
- 10Pcs Sanding Bands: 3/8"x1/2"
- 10Pcs Sanding Bands: 1/2"x1/2"
- 1Pcs Wrench: 3/8"
- 2Pcs Felt Wheels: 1/4"x1"
- 5Pcs Felt Wheels: 1/4"x1/2"
- 3Pcs Collets : 1/16", 3/32", 1/8"
- 6Pcs Grinding Wheels 1/8x13/16
- 6Pcs Grinding Wheels 1/8x13/16
- 2Pcs Rubber Emery Wheel 1/8"x7/8"
- 1Pcs Sanding Shanks: 1/4" x 1/2"
- 1Pcs Sanding Shanks: 3/8"x1/2"
- 1Pcs Sanding Shanks: 1/2"x1/2"
- 3Pcs Rubber Emery Wheel With Shank
- 3Pcs Brush
- 1Pcs Leather Wheel With Shank
- 1Pcs Cloth Wheel With Shank
- 1Pcs Flap Wheel
- 1Pcs Flap Wheel
- 4Pcs Grinding Wheels With shank
- 6Pcs Grinding Wheels With shank
- 5Pcs Cut Off Wheels Fiberglass: 1/20x1-1/4
- 1Pcs Mandrels For Felt Wheels
- 2Pcs Mandrels For Wheel
- 6Pcs Diamond Cutters
- 2Pcs HSS Cutters
- 6Pcs HSS Twist Drills: 1/16x2, 3/32x2, 1/8x2,
- 150Pcs Sand Papers
- 6Pcs White Alundum Wheel and 3Pcs Plastic Wheel
- 37Pcs Cut Off Wheels 1/32x15/16
- 1Pcs Polishing Compound



THE ACCESSORIES
PENGATUR KECEPATAN
SP-8A
 15-1010-01



Input : 220-240V
 Max A : 8A
 Cable : 2M
 (3x0.75mm)

L = ± 0 - 6,127 Rpm.
 M = ± 6,128 - 7,496 Rpm.
 H = ± 7,497 - 9,940 Rpm

(SPEED CONTROLLER)

Hanya untuk peralatan POWER TOOL

NOTE :

