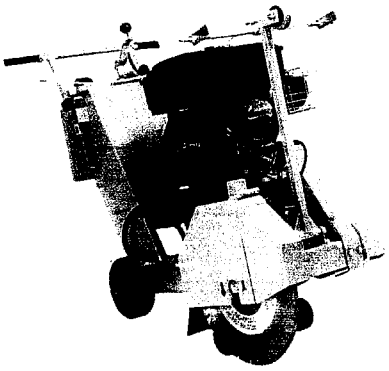
Midget II

Industrial Push Saw



Blade not included

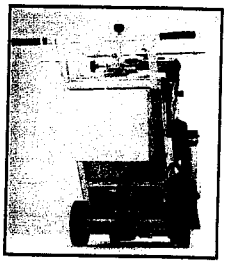
For long or short cutting runs, the Midget II will provide years of dependable service. This highly versatile machine can often complete projects usually tackled with much larger and more expensive equipment.

Stable Frame

- A heavy gauge, laser cut structural steel base with cross brace, engine mount plates and torsion resistant subframe provide a stable carriage for a variety of engine options.
- Solid polyurethene tires on the double bearing 8" rear and 4" front wheels ensure low and even wear-reducing the chance of instability.
- The perfect fit of all structural components prior to assembly greatly reduces the chance of cracks forming in welds or bends even after years of use.

Straight Cutting

- By design, the Midget II has a long wheel base, which contributes to straighter cuts, while keeping the overall length to a practical size.
- A solid, dual sided pointer bar with heavy-duty guide wheel.
- The super smooth winding of the raise and lower allows adjustment in the cut to ride over heavy steel or drop in behind to back cut.
- The rear mounted foot pedal makes it easier to keep the saw stable on rocky or uneven ground while also allowing better control when wheeling over curbs, etc.
- The blade guard can quickly change sides to suit an operator or conditions and has a flip up front for easier access to walls/curbs.

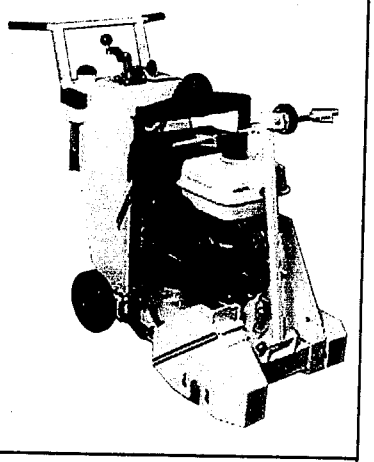


Heavy Duty Drive System

- Triple belt drive on precision pulleys with opposed dual engine aligning and belt tensioning bolts provide a very low maintenance drive system.
- Industrial, self aligning bearings on a 38mm blade shaft with extra heavy machined blade flanges.
- The blade shaft pulley belt under guard reduces the chance of scuffing belts or picking up stones.
- The positive depth stop can be set to stop the flanges making contact with the cutting surface.

Versatile

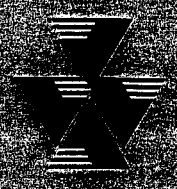
- Built in 30 litre water tank for small jobs or direct hose connection for large jobs.
- Available with 11, 13 or 18Hp petrol, propane, diesel or 3 phase electric motor.
- 360, 410, 460 or 500mm blade guards – 110, 135, 160 or 185mm cutting depths.
- Electric start standard for 18hp, optional for most other motors.
- Lifting frame or winch attachment option for all models.

Model Item No.	Midget II/13 CSS-MID13H-H	Midget II/18 CSS-MID18H-BSE	
Max. Blade Capacity	410mm (16") standard	500mm (20")	
Max. Depth of Cut	135mm (5-3/8") standard	185mm (7-1/3")	
Arbor Size	25.4mm (1") w/drive pin	25.4mm (1") w/drive pin	
Blade Shaft Diameter	32mm	32mm	
Blade Shaft Bearings	Self-aligning ball bearings	Self-aligning ball bearings	
Blade Shaft Drive	3 x 3VX V-belt	3 x 3VX V-belts	
Blade Control	Winding mechanism with height lock	Winding mechanism with height lock	
Wheels - front	100mm polyurethane tires with sealed bearings.	100mm polyurethane tires with sealed bearings.	
Wheels - rear	200mm polyurethane tires with sealed bearings.	200mm polyurethane tires with sealed bearings.	
Water Tank	30 litre	30 litre	
Chassis	Welded box section constr	Welded box section constr.	
Engine/Motor	Honda - petrol	Vanguard - petrol	3 - Phase electric
Specifications	GX390QX - 1 cylinder, air	Twin cylinder, air cooled	415 Volt AC, air, 50Hz
Max. Horsepower	13	18	5.5 or 9
Fuel Capacity	6.5 litre (1.72 US gal)		N/A
Oil Capacity	1.1 litre (2.3 US pt)		N/A
Air Filter	Cyclonic	Dry type dual element	N/A
Starter	Recoil	Electric	Electric
Weight	127Kg - standard	152.5Kg	123Kg

MIDGET 2

PLANT HAZARD LIST

Some of the questions you should ask to help identify hazards arising from plant.



VICTORIAN WORKCOVER AUTHORITY

This checklist provides a typical range of questions that can be asked to help with the identification of hazards associated with plant. It may be used as a starting point, with certain questions added or deleted to make the checklist appropriate to the plant and associated systems of work being examined.

If "yes" is the answer to a question in the checklist, the plant, parts of the plant and/or the situation associated with the hazard, should be identified on the checklist.

The following are examples of hazards identified and recorded in checklists:

- "Someone's fingers may get caught between the two rollers of the paper processing machine."
- "The pipe containing high pressure fluids in the stamping machine may burst."
- "The boom of the mobile crane may touch the overhead powerlines."
- "People may trip over the electric power lead for the bench grinder."

When completing the checklist, consider the hazards that may affect:
plant operators;
anyone working, or in the vicinity of the plant; and
others who could be affected, such as visitors, contractors, etc.

HAZARD CHECKLIST

C CUTTING, STABBING AND PUNCTURING 1 Can anyone be cut, stabbed or punctured due to: a. coming in contact with sharp or flying objects?	
b. coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant?	ENSURE MACHINE IS SWITCHED OFF PRIOR TO CARRYING OUT ANY MAINTENANCE OR REPAIRS.
c. the plant, parts of the plant or work pieces disintegrating?	ENSURE OPERATOR IS WEARING APPROVED SAFTEY EYE PROTECTION.
d. work pieces being ejected?	APPROVED SAFTEY EYE PROTECTION.
e. the mobility of the plant?	
f. uncontrolled or unexpected movement of the plant?	
g. other factors not mentioned? _____ _____ _____	
D SHEARING 1. Can anyone's body parts be sheared between two parts of the plant, or between a part of the plant and a work piece or structure?	
E FRICTION 1. Can anyone be burnt due to contact with moving parts or surfaces of the plant, or material handled by the plant?	ENSURE OPERATOR IS MADE AWARE OF EXHAUST SYSTEM.

If "yes" the answ to a question the checklis the plan parts o the plan and/or t situatio associat with th hazard should b written the spac provided

HAZARD CHECKLIST

H ELECTRICAL

1. Can anyone be injured by electrical shock or burnt due to:

a. the plant contacting live electrical conductors?	CHECK AREA TO BE CUT TO ENSURE THAT THERE ARE NO ELECTRICAL CABLES IN THE MATERIAL THAT IS ABOUT TO BE CUT.
b. the plant working in close proximity to electrical conductors?	
c. overload of electrical circuits?	
d. damaged or poorly maintained electrical leads and cables?	
e. damaged electrical switches?	
f. water near electrical equipment?	
g. lack of isolation procedures?	
h. other factors not mentioned? _____ _____ _____	

I EXPLOSION

1. Can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances, triggered by the operation of the plant or by material handled by the plant?

ENSURE MACHINE IS SWITCHED OFF BEFORE REFUELING.

If "yes" is the answe to a question i the checklist, the plant, parts of the plant and/or the situation associated with the hazard should be written in the space provided.

HAZARD CHECKLIST

H ERGONOMIC

1. Can anyone to be injured due to: a. poorly designed seating?	
b. repetitive body movement?	
c. constrained body posture or the need for excessive effort?	
d. design deficiency causing mental or psychological stress?	
e. inadequate or poorly placed lighting?	
f. lack of consideration given to human error or human behaviour?	
g. mismatch of the plant with human traits and natural limitations?	
h. other factors not mentioned? _____ _____ _____ {For more information on hazards associated with manual handling, refer to the Victorian Manual Handling Code of Practice.}	

L SUFFOCATION

1. Can anyone be suffocated due to lack of oxygen, or atmospheric contamination?	ENSURE MACHINE IS OPERATED IN A WELL VENTILATED AREA DUE TO EXHAUST GAS EMISSION FROM MACHINE.

If "yes" i
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MIDGET CONCRETE SAW

OPERATING INSTRUCTIONS

GENERAL INSTRUCTIONS

1. Be certain you have the correct Dembicon Diamond Blade. Contact your Dembicon dealer for the correct specification - getting the exact blade will make a tremendous difference in your blade costs and performance.

2. Saw only as deep as the specifications and job conditions require. This will save blade life and reduce sawing costs. Excess depth sawing is wasteful - avoid it.

3. Saw in a straight line. Mark the cutting line clearly so the saw operator can follow line without difficulty and not have to twist the saw from side to side trying to force the blade back on line.

4. Mount the blade solidly and firmly on the arbor. TIGHTEN BLADE FLANGE NUT VERY SECURELY.

5. The front pointer and blade are factory aligned before shipment.

TO START SAW

1. For wet sawing, open water valve FULL open. Check water flow to be sure it is adequate before you lower the blade. If water supply diminishes - stop cutting immediately.

2. Start engine. Follow procedure in engine manual.

3. Let engine warm up at half throttle.

4. Open engine throttle FULL OPEN. All sawing is done at full throttle. DO NOT CHANGE GOVERNOR SETTING - it is factory-set for correct speed.

TO MANOEUVRE

1. Raise blade as high as required so blade will not strike pavement when manoeuvring.

TO START SAWING

1. Follow all the instructions outlined above.

2. Lower the Dembicon Blade into the cut (never deeper than required). When desired depth of cut is reached, start saw forward by gently pushing against saw.

   If the saw should stall for any reason, raise the blade completely out of the cut before starting engine again.

   When lowering the blade into a partially made cut, use extreme care to be certain the blade is perfectly aligned within the cut before starting to saw again.

AT FINISH OF CUT

1. Bring the blade out of the cut by hydraulic pump. Raise blade high enough to clear the pavement when manoeuvring the saw.

2. Turn engine throttle to IDLE location.

3. Turn off water valve.

MAINTENANCE INSTRUCTIONS

1. LUBRICATE BEARINGS DAILY (VERY IMPORTANT). Grease provides an added protective seal for the bearings.

2. Check engine oil daily. Keep oil at proper level. Keep oil clean.

3. When cutting dry, clean air cleaner daily. See instructions on unit for proper care and maintenance.

4. Engine care. See engine manual.

5. V-Belt blade shaft drive. This model Concrete Saw in equipped with the new "3V" premium V-Belts. These belts are properly tensioned at the factory. Severe damage of the crankshaft, or even breakage of the crankshaft might occur if the belts are too tight.

   Check belt tension as set on the new saw and NEVER set belts beyond original tension. Not enough tension will destroy the belts quickly. Belts should never be allowed to slip.

A WORD ABOUT DIAMOND AND ABRASIVE BLADES

1. Diamond blades MUST be used WET. Diamond blades will be destroyed almost instantly if used without water - or with an inadequate water supply. You must have from 2½ to 5 gallons of water per minute flowing over a diamond blade for maximum performance.

2. A. Be certain to mark straight lines for the exact area to be sawed. NEVER try to saw without clearly marked lines.

   B. It is usually better to saw only 1" deep per pass. If deeper cuts are required, make two or more passes.

HAZARD CHECKLIST

If "yes" is the answer to a question in the checklist, the plant, parts of the plant and/or the situation associated with the hazard should be written in the space provided.

M HIGH TEMPERATURE OR FIRE	
1. Can anyone come into contact with objects at high temperatures?	ENSURE OPERATOR IS MADE AWARE OF EXHAUST SYSTEM.
2. Can anyone be injured by fire?	ENSURE MACHINE IS SWITCHED OFF BEFORE REFUELLING.
N TEMPERATURE [THERMAL COMFORT]	
1. Can anyone suffer ill-health due to exposure to high or low temperatures?	
O OTHER HAZARDS	
1. Can anyone be injured or suffer ill-health from exposure to: a. chemicals?	
b. toxic gases or vapours?	ENSURE MACHINE IS OPERATED IN WELL VENTILATED AREA DUE TO THE PRESENCE OF EXHAUST FUMES.
c. fumes?	REFER ABOVE.
d. dust?	
e. noise? {For more information on hazards associated with noise, refer to the Victorian Noise Code of Practice}	ENSURE OPERATOR IS WEARING APPROVED HEARING PROTECTION
f. vibration?	
g. radiation?	
h. other factors not mentioned? _____ _____ _____	

If "yes" is the answer to a question in the checklist, the plant, parts of the plant and/or the situation associated with the hazard should be written in the space provided.

HAZARD CHECHLIST

J SLIPPING, TRIPPING AND FALLING	ENSURE CORRECT FOOTWEAR E.G. RUBBER BOOTS ARE WORN DUE TO THE PRESENCE OF SLURRY THAT THE OPERATOR WILL WA... IN.
1. Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to: a. uneven or slippery work surfaces?	
b. poor housekeeping, eg. swarf in the vicinity of the plant, spillage not cleaned up?	ENSURE ALL SLURRY IS COLLE... AT THE COMPLETION OF THE JOB
c. obstacles being placed in the vicinity of the plant?	
d. other factors not mentioned? _____ _____ _____	
2. Can anyone fall from a height due to: a. lack of a proper work platform?	
b. lack of proper stairs or ladders?	
c. lack of guardrails or other suitable edge protection?	
d. unprotected holes, penetrations or gaps?	
e. poor floor or walking surfaces, such as the lack of a slip-resistant surface?	
f. steep walking surfaces?	
g. collapse of the supporting structure?	
h. other factors not mentioned? _____ _____ _____	

HAZARD CHECKLIST

If "yes" is the answer to a question in the checklist, the plant, parts of the plant and/or the situation associated with the hazard should be written in the space provided.

F STRIKING

1. Can anyone be struck by moving objects due to:

   a. uncontrolled or unexpected movement of the plant or material handled by the plant?

   b. the plant, parts of the plant or work pieces disintegrating?

   c. work pieces being ejected? — ENSURE OPERATOR IS WEARING APPROVED EYE SAFTEY PROTEC_(

   d. mobility of the plant? — DO NOT LEAVE MACHINE UNATTEI ON ANY SURFACE THAT IS NOT LEVEL OR MACHINES WHEELS NEED TO BE CHOCKED.

   e. other factors not mentioned?

   _____

   _____

   _____

G HIGH PRESSURE FLUID

1. Can anyone come into contact with fluids under high pressure, due to plant failure or misuse of the plant?

STUBBIE 1 BRICKSAW

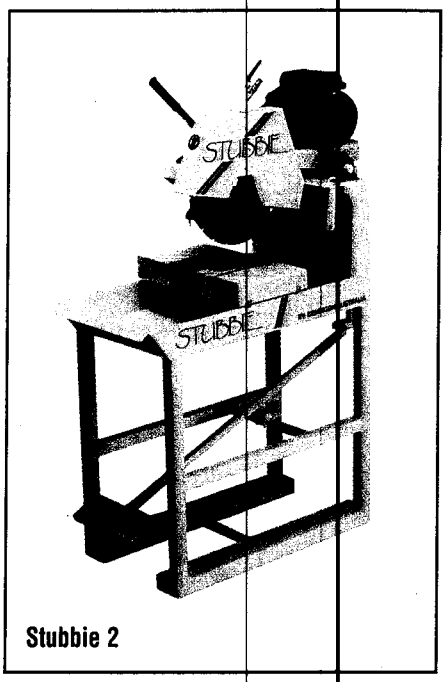
PLANT HAZARD LIST

Some of the questions you should ask to help identify hazards arising from plant

VICTORIAN WORKCOVER AUTHORITY

STUBBIE 1 AND STUBBIE 2

Stubbie 1



Stubbie 2

Built-in reliability and longevity have made "Stubbie" the industry standard for heavy-duty brick saws.

Thousands of "Stubbies" are consistent performers in hire shops, building sites and testing labs - many of them in regular use for over 10 years.

Stubbie 1 is the ideal, long-term, portable brick saw for pavers, bricks and tiles, with a fold-away stand, suitable for all site work.

Stubbie 2 has all the same construction as the Stubbie 1, but features a fixed box section stand, making it the ideal saw for more permanent locations, such as core testing laboratories or production facilities.

Built Tough:

- The 3mm laser cut structural steel frame folded to produce an extremely stable, rigid and vibration resistant frame.
- All precision welds are ground to provide a smooth finish and resistance to cracking. Structural cross members are built into the table and head assembly to ensure maximum rigidity and produce minimal flexing and distortion in use or transportation.
- Heavy-duty sealed "pillow block" roller bearings are fitted to the 25.4mm (1") single piece blade shaft and inner flange, providing ideal running conditions for the diamond blade.

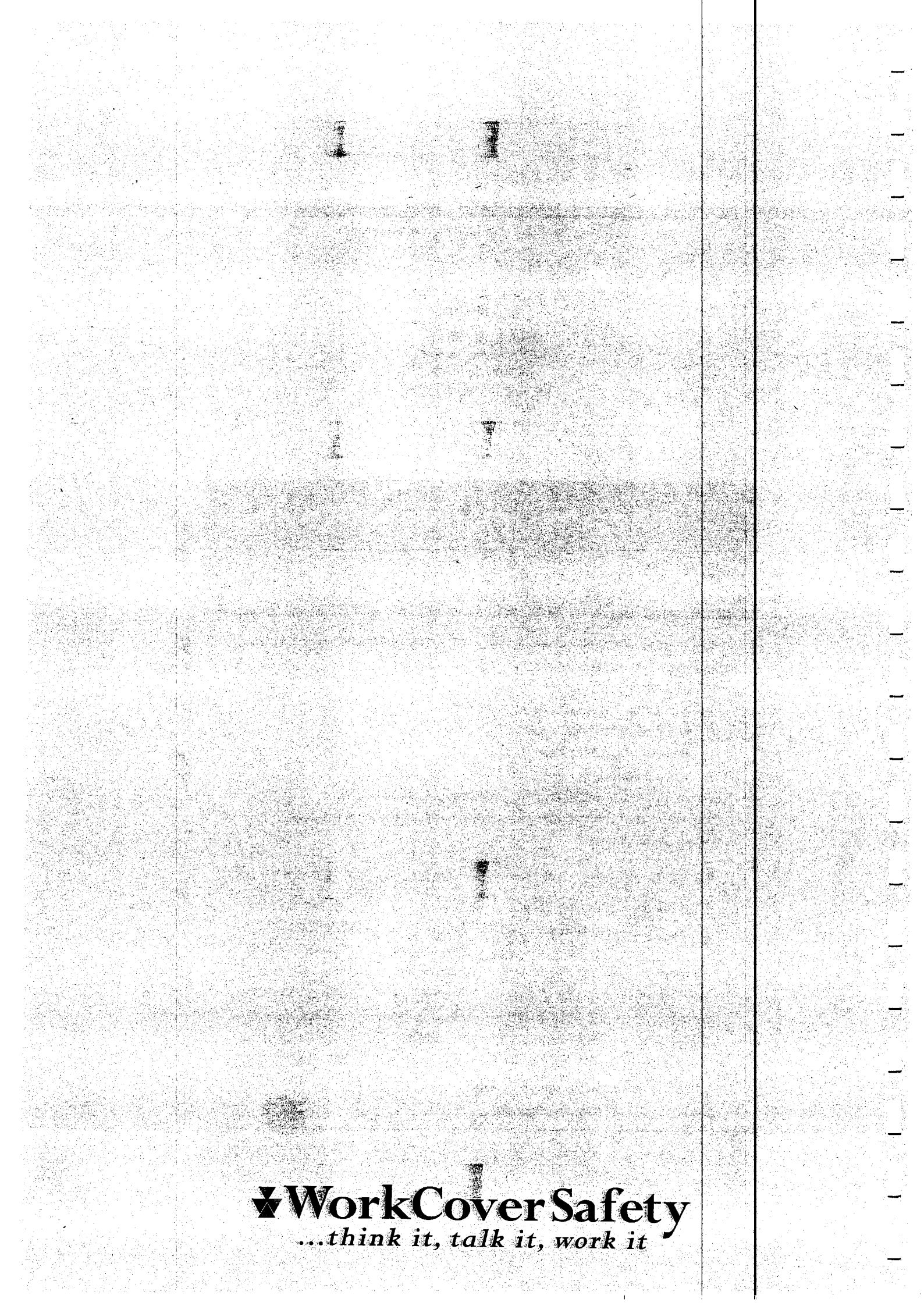
Low Maintenance:

- Industrial-duty, dual V-belts, run on machined key-lock pulleys and rarely require attention.
- The purpose built electric motor with overload protection is fully sealed and designed for continuous operation. All electrical components are IP55 rated and C-Tick approved.
- The heavy-duty conveyor cart runs on high quality sealed bearings for smooth, long term operation.

User Friendly:

- A removable foot pedal and spring counterbalance system, provide smooth lowering into the cut, either by foot or by hand. The head can be fixed in any position and a locking bolt ensures the blade cannot be lowered into the conveyor cart.
- The precision and rigidity achieved, offer cuts smooth enough to allow chip-free cutting of most tiles.
- A variable angle mitre guide is included for repetition cuts of 45° to 90°.
- The positioning of the blade guard offers excellent visibility of the cut and is folded to reduce water spray.
- The standard rotation, petrol motor model allows for economical replacement motors of any equivalent brand to be fitted.

Model Item No.	Stubbie 1 BS1-STUB1-2HE1	Stubbie 2 BS2-STUB2-2HE2
Max Depth of Cut	125mm	125mm
Blade Diameter	350mm (14")	350mm (14")
Max Length of Cut	420mm	420mm
Electric Motor	2.4 HP, 9.5 Amp, 50 Hz	2.4 HP, 9.5 Amp, 50 Hz
Petrol Motor Power	5.5 HP Honda - standard rotation	5.5 HP Honda - standard rotation
Stand Type	Collapsible with foot pedal	Fixed box section
Dimensions (HxWxL)	730 x 450 x 960mm	1430 x 450 x 1070
Weight (uncrated)	74kg Stand 19kg	88kg
Options	Core Sawing Kit Electric or Belt Driven Water Recirculating Pump, Wheel Kit & Handles, Side Carry Handles, Roll/Lifting Frame, Laser Cut Name Plate, Custom Paint	Core Sawing Kit Electric or Belt Driven Water Recirculating Pump, Wheel Kit & Handles, Side Carry Handles, Roll/Lifting Frame, Laser Cut Name Plate, Custom Paint


WorkCover Safety
...think it, talk it, work it

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- "People may trip over the electric power lead for the bench grinder."

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plant operators;

anyone working, or in the vicinity of the plant; and

others who could be affected, such as visitors, contractors, etc.

HAZARD CHECKLIST

C CUTTING, STABBING AND PUNCTURING 1 Can anyone be cut, stabbed or punctured due to: a. coming in contact with sharp or flying objects?	BEWARE OF ROTATING BLADE AT ALL TIMES WHEN OPERATING MACHINE.
b. coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant?	REFER ABOVE.
c. the plant, parts of the plant or work pieces disintegrating?	
d. work pieces being ejected?	ENSURE OPERATOR HAS FIRM CONTROL OF MATERIAL TO BE CUT.
e. the mobility of the plant?	
f. uncontrolled or unexpected movement of the plant?	
g. other factors not mentioned? _____ _____ _____	
D SHEARING 1. Can anyone's body parts be sheared between two parts of the plant, or between a part of the plant and a work piece or structure?	
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HAZARD CHECKLIST

H ELECTRICAL

1. Can anyone be injured by electrical shock or burnt due to: a. the plant contacting live electrical conductors?	
b. the plant working in close proximity to electrical conductors?	
c. overload of electrical circuits?	
d. damaged or poorly maintained electrical leads and cables?	ENSURE POWER LEAD AND PLUG ARE IN GOOD CONDITION.
e. damaged electrical switches?	ENSURE SWITCH IS IN GOOD CONDITION WITH NO CRACKS IN THE CASE.
f. water near electrical equipment?	SWITCH GEAR AND MOTOR ARE MANUFACTURED TO IP54 STANDARD.
g. lack of isolation procedures?	
h. other factors not mentioned? _____ _____ _____	AS AN ADDED SAFETY PRECAUTION THIS UNIT SHOULD BE OPERATED ON A CIRCUIT THAT IS PROTECTED BY AN EARTH LEAKAGE CONTACTOR.

I EXPLOSION

1. Can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances, triggered by the operation of the plant or by material handled by the plant?	

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HAZARD CHECKLIST

H ERGONOMIC

1. Can anyone to be injured due to: a. poorly designed seating?	
b. repetitive body movement?	
c. constrained body posture or the need for excessive effort?	SEEK ASSISTANCE WHEN MOVING MACHINE.
d. design deficiency causing mental or psychological stress?	
e. inadequate or poorly placed lighting?	
f. lack of consideration given to human error or human behaviour?	
g. mismatch of the plant with human traits and natural limitations?	
h. other factors not mentioned? _____ _____ _____ {For more information on hazards associated with manual handling, refer to the Victorian Manual Handling Code of Practice.}	

L SUFFOCATION

1. Can anyone be suffocated due to lack of oxygen, or atmospheric contamination?	

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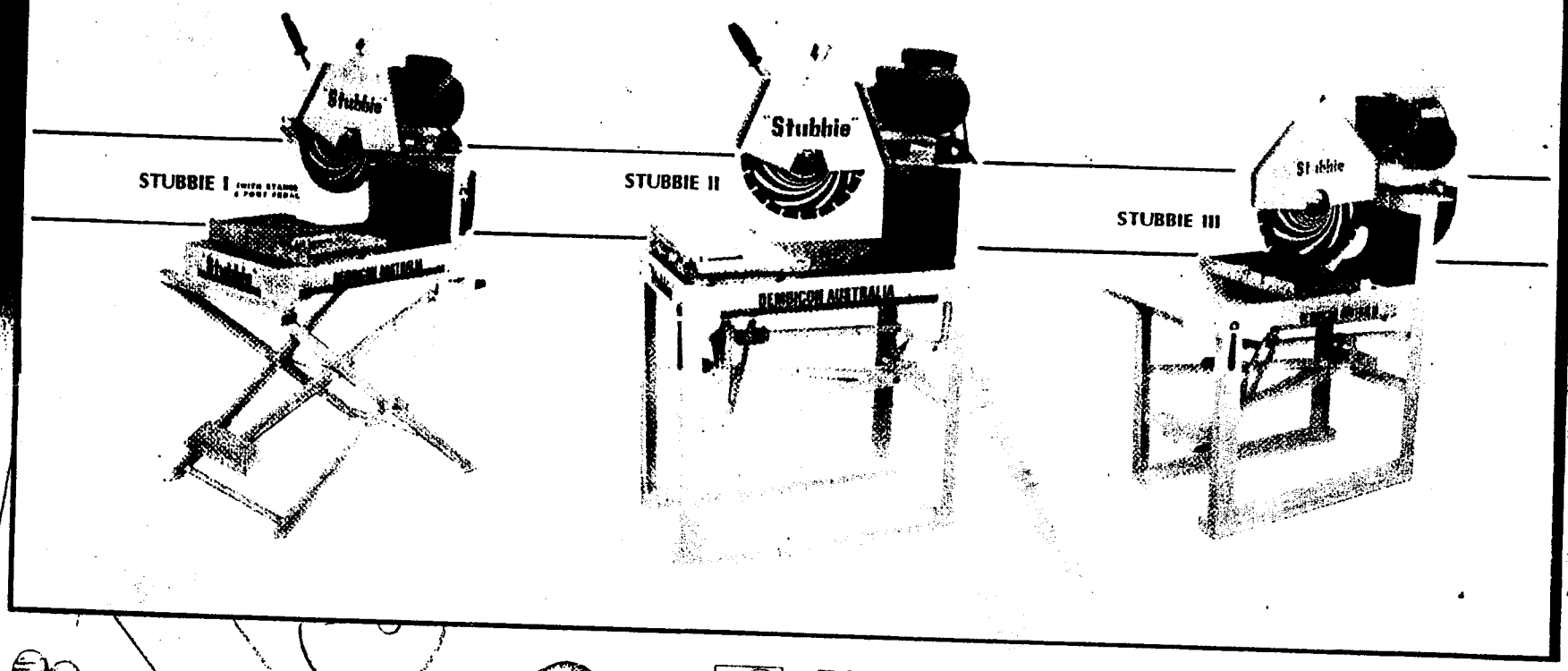
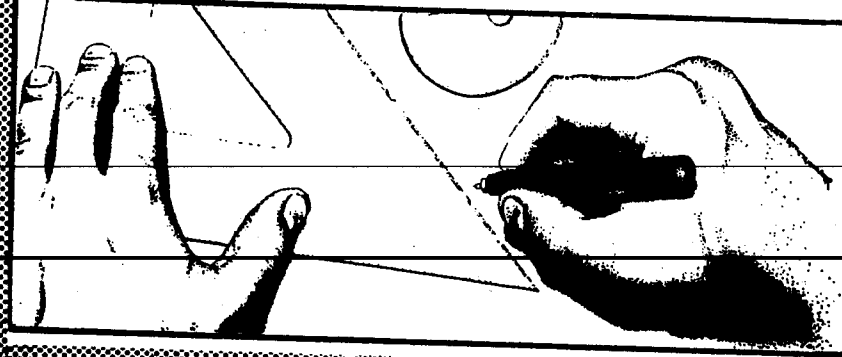
"Stubbie" I, II & III

BRICK, MASONRY & REFRACTORY SAWS





DEMBICON

DEMBICON AUSTRALIA

AUSTRALIA'S DIAMOND TOOL AND CONSTRUCTION EQUIPMENT SPECIALISTS

TECHNICAL MANUAL & SPARE PARTS LIST

STUBBIE I, II & III

OPERATING INSTRUCTIONS

GENERAL

Stubbie I, II & III Tile and Brick saws are universal machines powered either by electric or petrol motors. Both are laser cut and welded steel construction and designed for medium to heavy duty jobs.

Cutting head is supported by pivot-point bearings with locking lever (item 15) which allows the head to be positioned at required cutting depth.

Dual belt drive ensure full power transmission.

Conveyor cart is equipped with Mitre Guide which allows repeat cutting with high accuracy.

For easy maintenance the amount of parts the machine consists of is kept to a minimum and standardised. Frame, cutting head and conveyor cart are Dembicon factory aligned. Misalignment through handling damage or transporting saw can seriously affect blade life.

TO START SAWING

1. Connect water hose to the top of blade guard (item 18). If submersible pump is used fill the water reservoir pan to within 1" (25mm) of the top. Be sure water pump inlet is fully covered by water at all times. Keep pump intake free of accumulated sludge and other foreign material.
2. Mount the blade solidly and firmly.
3. Adjust the required cutting depth.
4. Turn on the water valve and switch on electric motor or start the engine.
5. Push the conveyor cart with cutting piece gently towards the blade.

MAINTENANCE

1. The sludge that accumulates in the bottom of the water reservoir pan is abrasive and if it accumulates heavily, will shorten the life of the submersible water pump.

   Clean water reservoir pan at least once a day - twice a day in heavy cutting and refill with clean water.

2. At the end of each day's use, clean the sludge from the saw.
- Clean and grease moving parts.
- For bearings use Shell Alvania grease or equivalent.

3. Keep drive belts tight.
- Belts are properly tensioned at the Dembicon factory.
- To obtain accurate V-Belt setting when changing the belts, a V-Belt tension tester should be used.
- Check the setting on a single belt.
- Apply load at the centre of the belt span. Deflection should be 8mm for 1 to 1.5kg load.

4. Blades must fit arbor snuggly otherwise pounding will occur and seriously damage the blade. It is recommended to use Dembicon blades.
- Contact your Dembicon dealer for the correct selection of diamond blades.
- **Note**: A specialised blade that is most efficient for extremely hard, vitreous glazed tile, cannot be the most efficient blade to use on the softest, coarsest of light aggregate block.

Nominal Blade Diameter	Nominal Cutting Depth	Optimal RPM
350 mm (14")	110 mm	3200
400 mm (16")	145 mm	2800
500 mm (20")	180 mm	2100

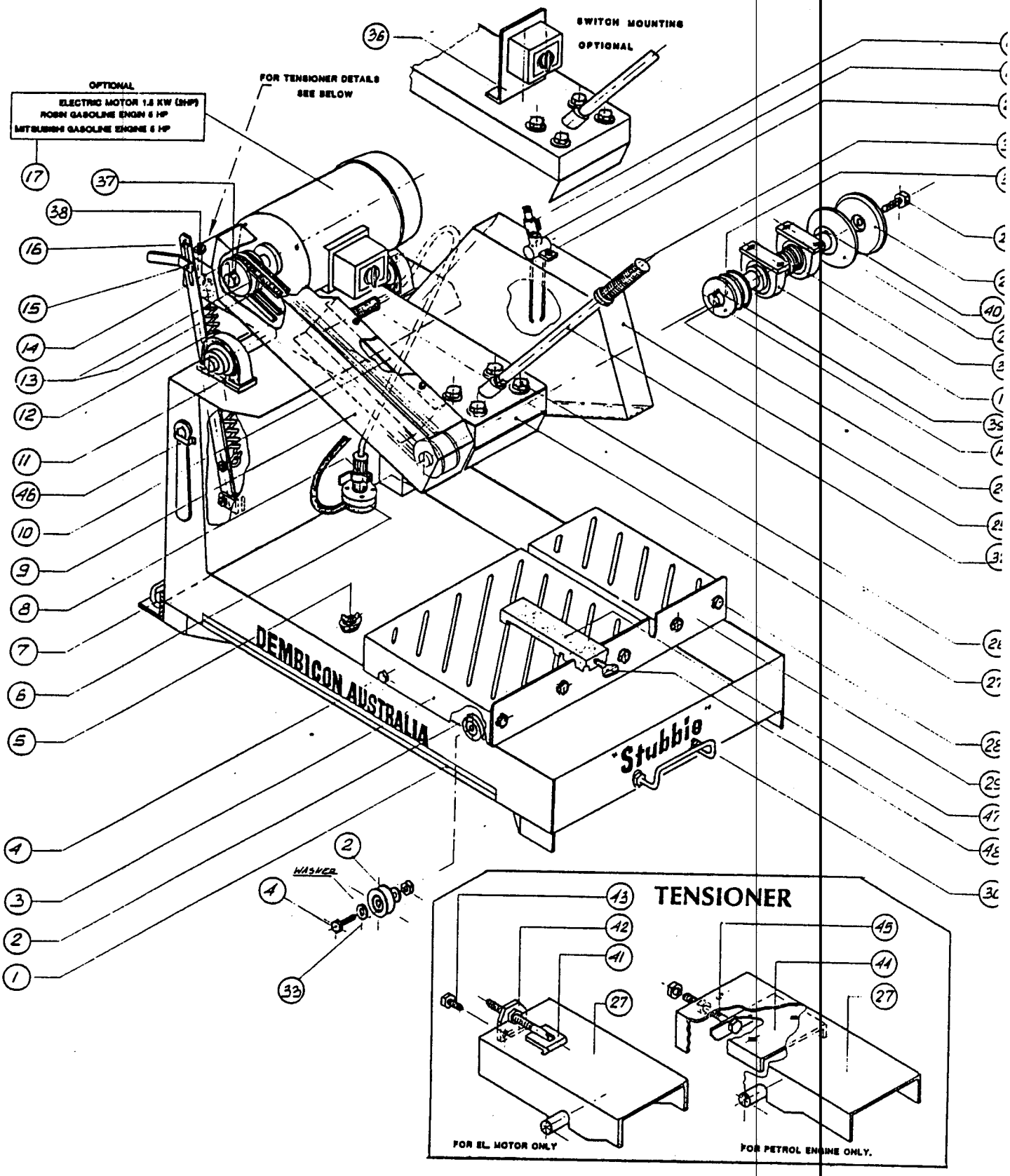
IMPORTANT

ALWAYS USE THE APPROPRIATE DIAMOND BLADE.

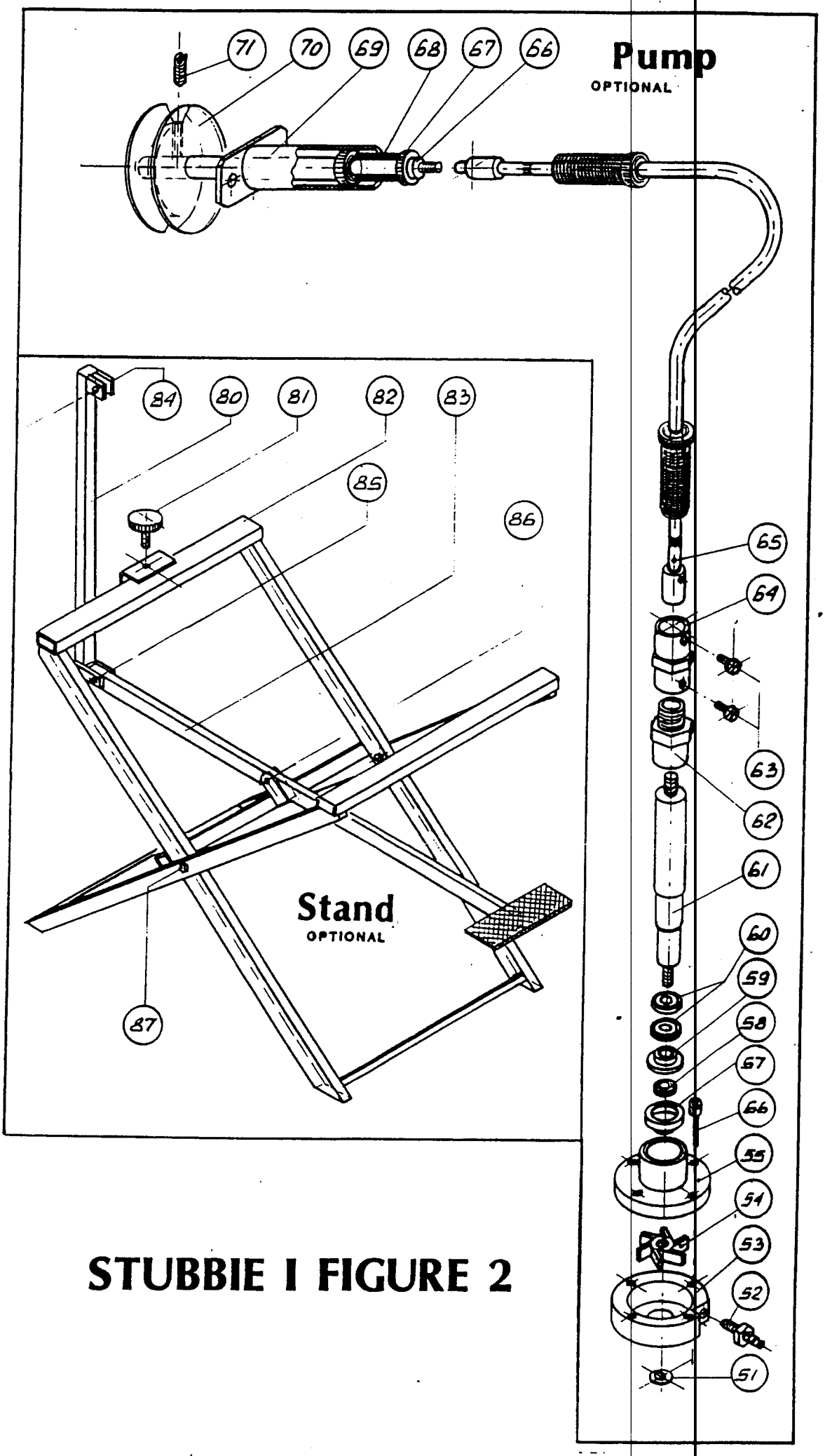
AVOID JAMMING THE MATERIAL INTO THE BLADE, WHICH CAN BE HAZARDOUS.

ALWAYS WEAR SAFETY GOGGLES OR SOME TYPE OF EYE PROTECTION WHEN OPERATING MASONRY SAW.

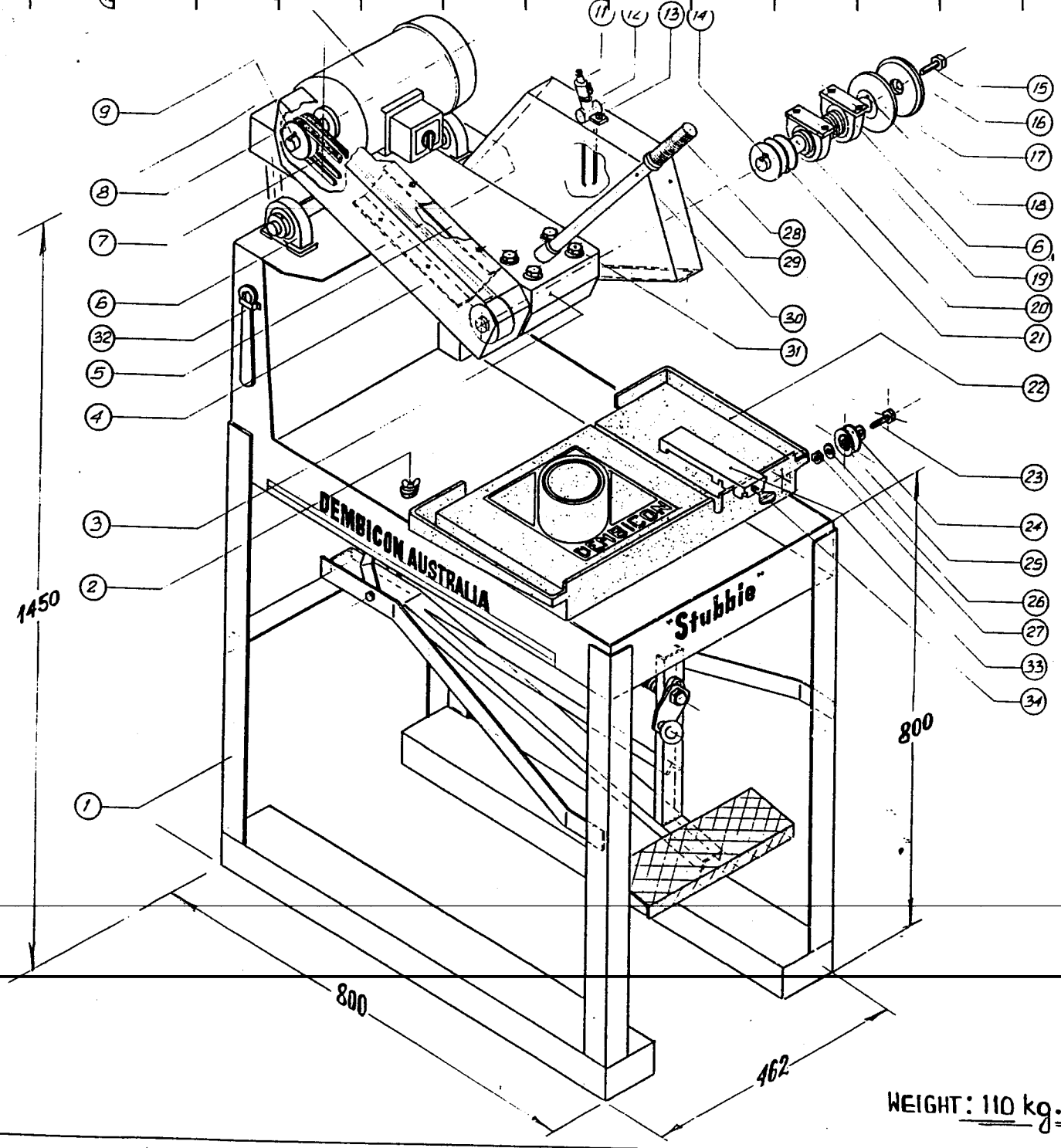
CORRECT HEARING PROTECTION MUST ALSO BE WORN.



STUBBIE I FIGURE 1



STUBBIE I FIGURE 2

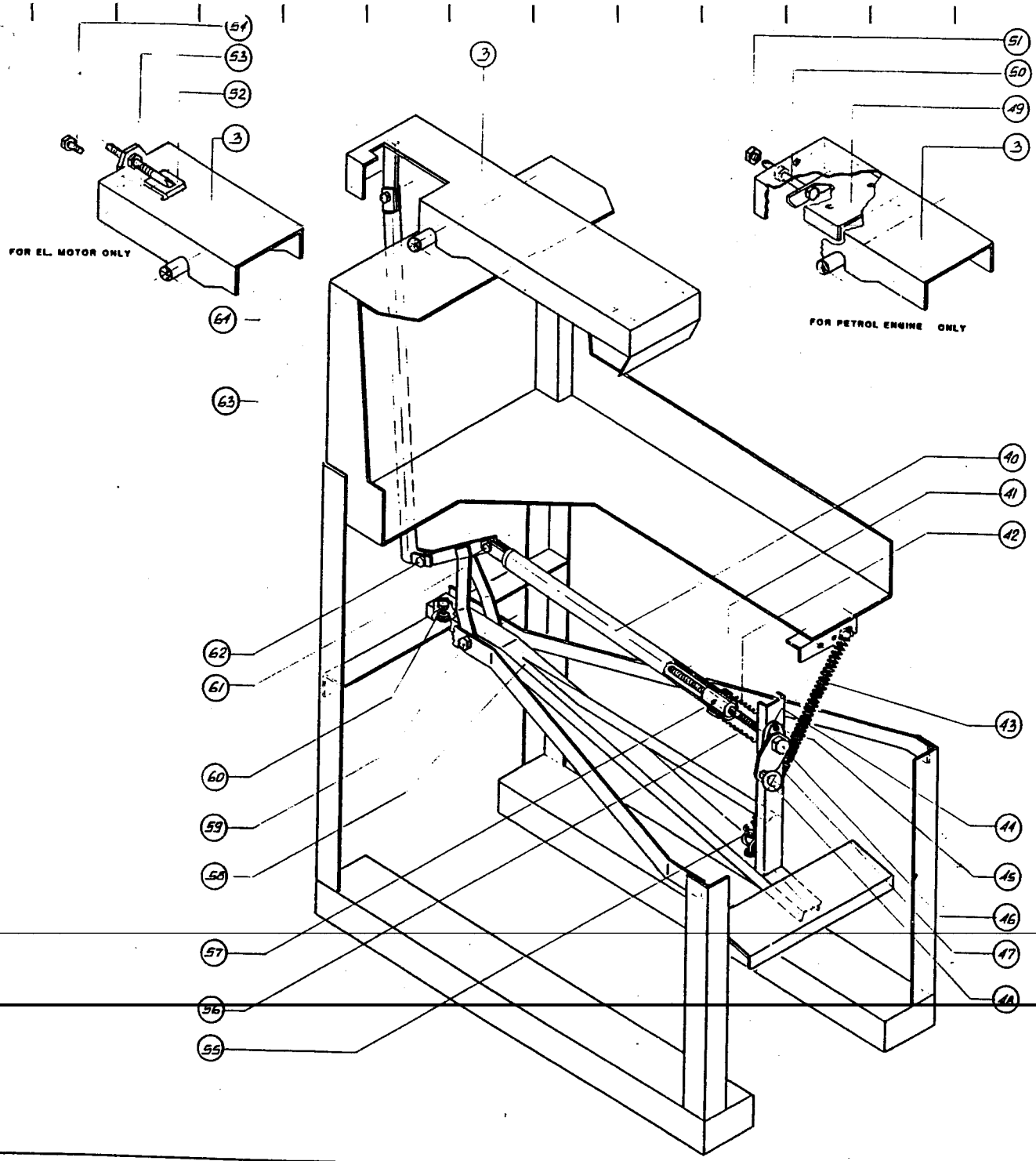


Dembicon Australia reserves the right to modify design

WEIGHT: 110 kg.

STUBBIE 2

FIGURE 1



DRAWN	L. Backhouse	
DESIGNED		
CHECKED		
APPROVED		
SCALE		
DEMBICON REGISTRATION No		

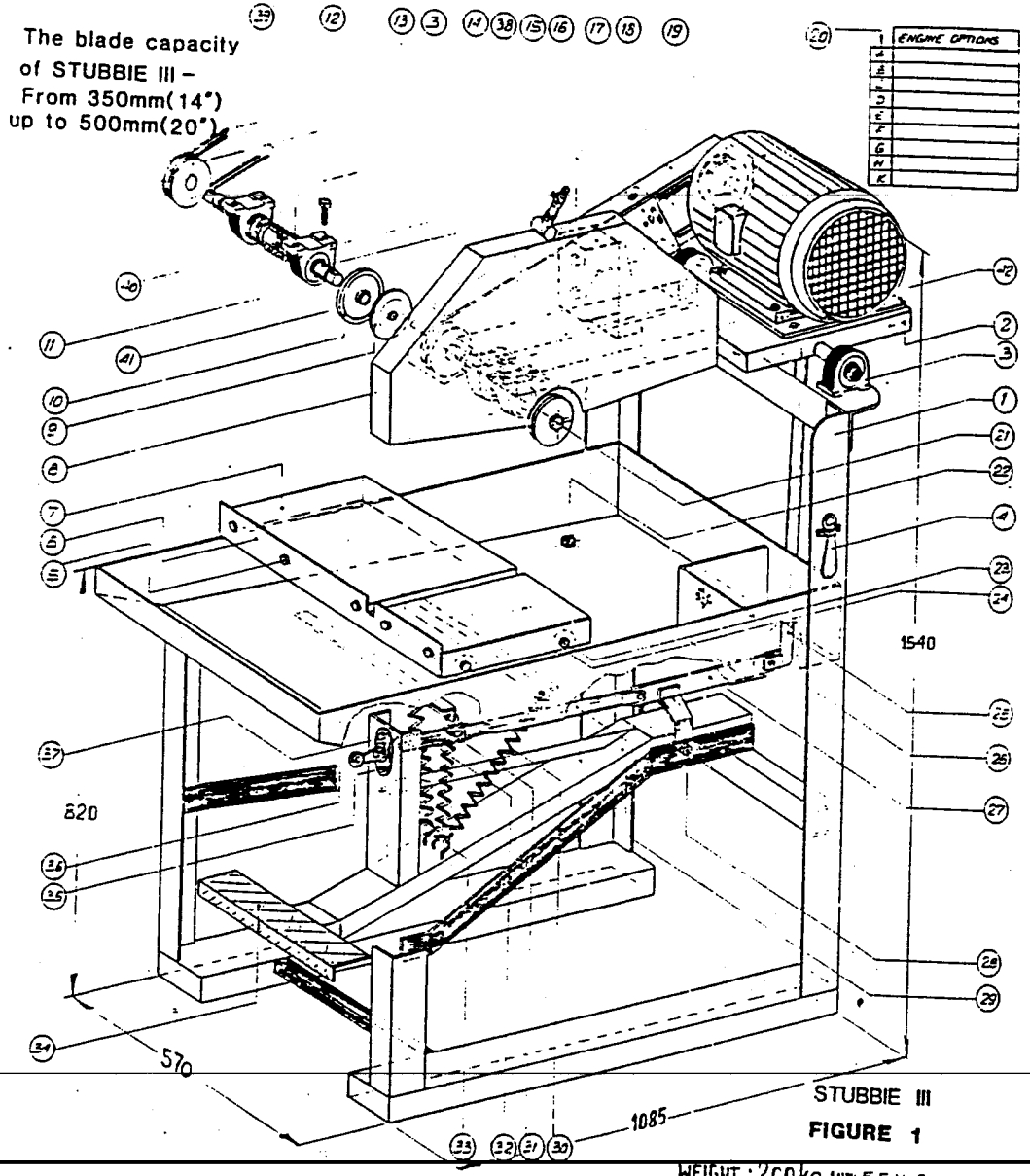
DEMBICON AUSTRALIA
AUSTRALIA'S DIAMOND TOOL SPECIALISTS
29 KIRKLAND AVENUE
NORTH POWNPON SA 5037
PHONE (08) 297 4022
TELEX AA86857

TITLE
STUBBIE 2

DRAWING NUMBER
STB 2-FIG.2

REV

The blade capacity of STUBBIE III – From 350mm(14") up to 500mm(20")



STUBBIE III

FIGURE 1

WEIGHT : 200 kg. WITH 5.5 kW EL. MOTOR

STUBBIE 3.

STB.3-FIG. 1.

DEMBICON AUSTRALIA

STUBBIE 1, 2 & 3 SPARE PARTS LIST

SSP1-B11-001 BUTTON RED ON OVERLOAD SWITCH
SSP1-B11-002 OVERLOAD SWITCH
SSP1-CC-B11 TOP CAPACITOR BCB - B11 MOTOR
SSP1-CC-B11B BOTM CAPACITOR BCB - B11 MOTOR
SSP1-CC-LRG CAPACITOR COVER - LARGE
SSP1-CC-LRGBCB CAPACITOR COVER - LARGE - BCB
SSP1-CC-LRGCMG CAPICITOR COVER - LARGE - CMG
SSP1-CC-SML CAPACITOR COVER - SMALL
SSP1-CC-SQ CAPACITOR COVER - SQUARE
SSP1-CC-SQ-BCB CAPACITOR COVER - SQUARE - BCB
SSP1-CC-SQ-CMG CAPACITOR COVER - CMG-80050406
SSP1-CMG5064 BOTTOM CAPACITOR COVER CMG5064
SSP1-CMG5065 TOP CAPACITOR COVER CMG5065
SSP1-0500E BLADE SHAFT + FLNG/PULLEYS ELE
SSP1-0500P ,BLADE SHAFT & FLGS/PULLEYS PET
SSP1-0501 FAN COWLING
SSP1-0501-BCB FAN COWLING BCB
SSP1-0501-B11 FAN COWLING BCB - B11 MOTOR
S SP1-0501-CMG FAN COWLING CMG
SSP1-0502 CONVEYOR CART WHEEL COMPLETE
SSP1-0502K CONVEYOR CART WHEEL-KIT OF 4
SSP1-0503 CONVEYOR CART - COMPLETE
SSP1-0504 5/16 X 3/8 X 5/8 C/CART BOLT
SSP1-0505 DRAIN PLUG
SSP1-0509 BELT GUARD OUTER
SSP1-0510 BELT GUARD INNER
SSP1-0511 BLADE SHAFT BEARING
SSP1-0512 SPRING
SSP1-0512-ST1 SPRING STUBBIE 1
SSP1-0512-ST2 SPRING STUBBIE 2
SSP1-0513-36 V BELT - ELECTRIC
SSP1-0513-37 V BELT - PETROL
SSP1-0513-39 V BELT - PETROL
SSP1-0514 PULLEY SUIT MOTOR - ELECTRIC
SSP1-0515 LOCKING LEVER
SSP1-0517 PETROL ENGINE PULLEY
SSP1-0518 TAP & FITTING
SSP1-0519 WATER BAR + TAP
SSP1-0521 BLADE SHAFT BOLT
SSP1-0522 OUTER FLANGE
SSP1-0523 INNER FLANGE
SSP1-0524 BLADE SHAFT ONLY
SSP1-0525 BLADE GUARD
SSP1-0525-PET STUBBIE 1 PET. BLADE GUARD
SSP1-0526 BOLT M10
SSP1-0527 WELDMENT HEAD STUBBIE 1
SSP1-0531 RUBBER HAND GRIP
SSP1-0535 SHAFT COVER
SSP1-0538 EYE BOLTS 5/16" BSW X 1.1/2"
SSP1-0539 KEY
SSP1-0540 KEY 3/16" X 3/16" X 3/8" LNG
SSP1-0541 BELT ADJUSTER BRACKET
SSP1-0542 BELT ADJUSTER, C/W NUT
SSP1-0546 SPANNER
SSP1-0547 MITRE GUIDE
SSP1-0548 FAN 2HP BCB
SSP1-0549 BACK BAR STUBBIE 1

MIDGET CONCRETE SAW

OPERATING INSTRUCTIONS

GENERAL INSTRUCTIONS

1. Be certain you have the correct Dembicon Diamond Blade. Contact your Dembicon dealer for the correct specification - getting the exact blade will make a tremendous difference in your blade costs and performance.

2. Saw only as deep as the specifications and job conditions require. This will save blade life and reduce sawing costs. Excess depth sawing is wasteful - avoid it.

3. Saw in a straight line. Mark the cutting line clearly so the saw operator can follow line without difficulty and not have to twist the saw from side to side trying to force the blade back on line.

4. Mount the blade solidly and firmly on the arbor. TIGHTEN BLADE FLANGE NUT VERY SECURELY.

5. The front pointer and blade are factory aligned before shipment.

TO START SAW

1. For wet sawing, open water valve FULL open. Check water flow to be sure it is adequate before you lower the blade. If water supply diminishes - stop cutting immediately.

2. Start engine. Follow procedure in engine manual.

3. Let engine warm up at half throttle.

4. Open engine throttle FULL OPEN. All sawing is done at full throttle. DO NOT CHANGE GOVERNOR SETTING - it is factory-set for correct speed.

TO MANOEUVRE

1. Raise blade as high as required so blade will not strike pavement when manoeuvring.

TO START SAWING

1. Follow all the instructions outlined above.

2. Lower the Dembicon Blade into the cut (never deeper than required). When desired depth of cut is reached, start saw forward by gently pushing against saw.

   If the saw should stall for any reason, raise the blade completely out of the cut before starting engine again.

   When lowering the blade into a partially made cut, use extreme care to be certain the blade is perfectly aligned within the cut before starting to saw again.

AT FINISH OF CUT

1. Bring the blade out of the cut by hydraulic pump. Raise blade high enough to clear the pavement when manoeuvring the saw.

2. Turn engine throttle to IDLE location.

3. Turn off water valve.

MAINTENANCE INSTRUCTIONS

1. LUBRICATE BEARINGS DAILY (VERY IMPORTANT). Grease provides an added protective seal for the bearings.

2. Check engine oil daily. Keep oil at proper level. Keep oil clean.

3. When cutting dry, clean air cleaner daily. See instructions on unit for proper care and maintenance.

4. Engine care. See engine manual.

5. V-Belt blade shaft drive. This model Concrete Saw in equipped with the new "3V" premium V-Belts. These belts are properly tensioned at the factory. Severe damage of the crankshaft, or even breakage of the crankshaft might occur if the belts are too tight.

   Check belt tension as set on the new saw and NEVER set belts beyond original tension. Not enough tension will destroy the belts quickly. Belts should never be allowed to slip.

A WORD ABOUT DIAMOND AND ABRASIVE BLADES

1. Diamond blades MUST be used WET. Diamond blades will be destroyed almost instantly if used without water - or with an inadequate water supply. You must have from 2½ to 5 gallons of water per minute flowing over a diamond blade for maximum performance.

2. A. Be certain to mark straight lines for the exact area to be sawed. NEVER try to saw without clearly marked lines.

   B. It is usually better to saw only 1" deep per pass. If deeper cuts are required, make two or more passes.