



C80 Chipper Shredder



Operating Instructions

Before commissioning the machine, read operating instructions and observe warning and safety instructions.

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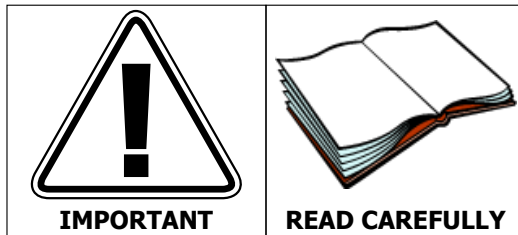


 **TRACMASTER**
The landscape machinery specialists

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No liability will be accepted for any damage caused to persons or property through failure to observe the operating and safety instructions.



Safety

ALWAYS start the engine in the open air

DO NOT smoke when refuelling

DO NOT mix OIL with the fuel

ALWAYS stop the engine before making any adjustments, refuelling, moving or cleaning, or when the unit is unattended

USE ONLY fuel from containers designed for this purpose - refuel outdoors only and replace the tank cap securely

IN CASE of petrol spillage move the machine away from the area of spillage and allow the petrol vapours to dissipate before starting the engine

DO NOT remove any safety guards that are fitted

DO NOT touch any moving parts or attempt any maintenance whilst the machine is running - KEEP HANDS AND FEET AWAY

DO NOT allow children or anyone uninstructed to operate the machine - KEEP ANIMALS AWAY

ALWAYS wear suitable clothing to give personal protection including footwear that offers a good grip

ALWAYS wear safety glasses and ear protection

AVOID wearing loose garments that may catch in moving parts

KEEP hands, feet and clothing out of openings, discharge and moving parts when the machine is operating or the engine is running

KNOW how to stop the machine in an emergency

NEVER interfere with any control settings on the engine

NEVER select reverse gear with your back to a wall or other immovable object

IF A FAULT develops DO NOT attempt any repair - immediately contact the supplier from whom the machine was obtained

VISUALLY INSPECT the machine before use - ensure all nuts and bolts are tight and not worn or damaged

KEEP IN MIND the operator is responsible for accidents or hazards occurring to people or property

Before Starting Work

Ensure the machine is on firm, level ground.

DO NOT USE MACHINE ON A SLOPE.

The unit may be placed on a tarpaulin to collect the processed material.

Ensure the shredder hopper and chipping chute are in place.

Using the dipstick provided, check the engine oil level. Top up with 10w/40 oil if necessary (if the dipstick is clear of oil).

Check fuel level. Only use unleaded petrol from a clean container.

Never re-fuel when the engine is hot or running. Leave 1" air space in the fuel tank.

Ensure the discharge grille is fully closed.

To Start Engine

Switch on ignition and if the engine is cold, apply the choke.

Turn on the fuel tap and apply half throttle.

Engage the recoil starter and pull handle firmly.

Once the engine has started, release the choke after a few seconds and return throttle to idle position.

Shredder Operation

ENSURE THE DISCHARGE GRILLE IS IN THE CLOSED POSITION.

Increase engine to FULL throttle and allow the machine to build up to FULL speed.

Be very careful what you put into the hopper.

The shredder cannot handle the following:

- Cloth
- String
- Plastics
- Glass
- Rubber
- Stones
- Bricks
- Large wood chunks
- Metal
- Thick branches
- Long vines

NEVER be tempted to drop short end pieces into the hopper as the HAMMER BLADES will jam causing damage to the drive system.

Wet green garden waste and wet grass clippings may require mixing in with some dry wood to avoid clogging the shredder. If necessary move discharge grille lever to half open position when shredding wet material.

Adding too much material at a time can clog the shredder - allow the machine to clear itself each time.

DO NOT throw thin branches into the hopper with a spearing force as this will overfeed the hammer blades and jam the machine.

FAILURE TO OBSERVE THIS PRECAUTION WILL CAUSE DAMAGE TO THE CLUTCH AND DRIVE BELTS.

To Clear the Discharge Grille

Switch off the engine and visually check the shredder shaft has stopped rotating.

Disconnect the spark plug lead.

Move discharge grille lever from fully closed to fully open position.

Clear out the material with a wooden handle or brush.

DO NOT reach inside with fingers as the hammer blades are sharp.

Close discharge grille fully.

Reconnect the spark plug lead.

Danger Points to Observe

The chipper shredder blades may continue to rotate silently after engine shut down.

Be sure the blades have stopped rotating before working on the machine.

The shredder grasps and pulls material down into the hopper with surprising speed.

Clear processed material regularly do not allow it to build up underneath the machine.

Gloves, if worn for shredding, should be large enough to slip off your hands if caught in the material.

DO NOT wear rings, bracelets, watches or jewellery or any other items that could be caught in the material and draw your hands into the shredder.

ALWAYS hold the material very lightly.

DO NOT use the machine with the discharge grille FULLY OPEN.

NEVER attempt to operate the machine without chipper chute and shredder hopper in place.

NEVER overload the machine.

NEVER stand in front of the chipper chute or attempt to look down the shredder hopper when the machine is operating.

NEVER position the machine on a ledge higher or lower than the operator. Machine and operator must be on the same level.

ALWAYS operate the machine a FULL throttle.

ALWAYS allow the machine to run at full speed for 2 minutes before switching off.

FAILURE TO OBSERVE THESE POINTS MAY RESULT IN PERSONAL INJURY.

Maintenance Programme

	OPERATION	EVERY DAY	EVERY WEEK	EVERY MONTH
ENGINE	Check engine oil level 10w/40 See separate engine manual	X	X	
MACHINE	Check chipping blade condition		X	
	Check fixed blade condition			X
	Check shredder blades condition		X	
	Check belt tension			X
	Grease chipping side bearing		X	
	Grease belt side bearing			X
	Lubricate wheels			X
	Check discharge grille		X	
	Check rotor shaft bearings		X	
	Tighten all nuts and bolts			X
	Check tyre pressures (20psi)		X	

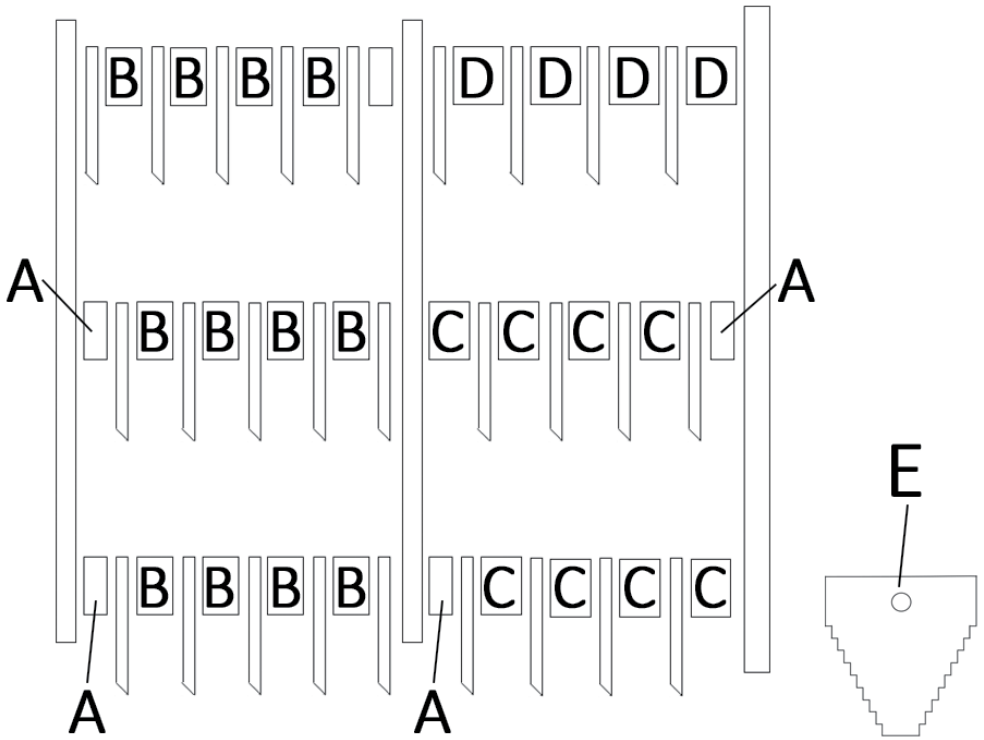
NOTES:

* DO NOT allow maximum engine speed to exceed 3600rpm.

Risk Assessment

HAZARDS	RISK LEVEL	ACTION NEEDED
General		The machine should only be used by trained operators.
Flying chippings	Medium	<p>Wear protective clothing including helmet, eye and ear protection, loose fitting gloves, and overalls.</p> <p>Ensure there are no bystanders in the area of operation.</p>
Machine moving whilst in operation	Low	Always ensure the machine is on firm, level ground.
Shredder mill clogging	Low	Never overfeed the shredder. Allow the shredder mill to clear before introducing more material.
Clearing blocked grille	High	The machine must be switched off and the spark plug removed before attempting to clear any blockage. Never reach inside with your hand, use a piece of wood to clear any blockages.
Burns, lacerations and other injuries by moving parts and branches	High	<p>Only allow trained operators to use the machine.</p> <p>Turn off the machine and remove the spark plug before carrying out any maintenance.</p> <p>Never reach down into the in-feed chutes or up into the discharge grille.</p> <p>Be careful of the hot exhaust.</p>
Fire or irritant from fuel	High	<p>Use correct fuel containers.</p> <p>Follow regulations regarding transportation of fuel.</p> <p>Do not spill fuel onto the outside of the machine.</p> <p>Do not smoke while refuelling.</p> <p>Turn off the fuel tap before transporting the machine.</p>

Shredder Blade Layout



Ref	Description	Part No	Qty
A	7mm spacer	080007100	5
B	11.5mm spacer	080007080	12
C	12.5mm spacer	081007070	8
D	14mm spacer	080007090	4
E	Hammer	080007060	27

Machine Overview



Sound Levels

MACHINE	ENGINE RPM	SOUND LEVEL dB(A)
CAMON C80 Chipper Shredder	3100	up to 98.0

Warranty Registration

To validate your warranty please complete the form below and return it to:

Tracmaster Ltd, Sovereign Centre, Victoria Road, Burgess Hill, RH15 9LR

Alternatively visit **www.tracmaster.co.uk** and complete the online form.

CUSTOMER DETAILS

Name:

Company (if applicable):

Address:

.....

..... Postcode:

Email:

Phone:



MACHINE DETAILS

Machine: CAMON CHIPPER SHREDDER

Model Number:

Serial Number:

Engine Serial Number:

Purchase Date:

SUPPLIER DETAILS (if not supplied directly by Tracmaster)

Dealer Name:

Dealer Address:

.....

..... Postcode:

We will never pass your details to any third party, however, we may occasionally send you details of relevant offers and promotions, if you do not want us to do this please tick this box.

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