

# C80/C100 LIGHT BRUSH CHIPPER



 **RED ROO**<sup>TM</sup>  
Commercial Environmental Equipment



Red Roo C80 Chipper with 13hp Honda GX390 Engine

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C100 with 16hp Briggs & Stratton Vanguard Engine

*Red Roo C100 Chipper with 16hp Briggs & Stratton V Twin Overhead Valve Vanguard Engine.*

*The Red Roo C80/C100 is designed and manufactured in Australia utilizing laser cut and CNC components.*

*Quality components and over 35 years of manufacturing experience deliver a machine that is safe and easy to operate and maintain.*

*The commercial Red Roo, in residential use, it should last a lifetime.*

** RED ROO™**  
**Commercial Environmental Equipment**



Red Roo C80 Chipper with 13hp Honda GX390 Engine

## Dimensions

*Length 2200mm (87")*

*Width 1180mm (47")*

*Height 1600mm (63")*

## Weight

*C80 - 330kg (727lbs)*

*C100 - 350kg (771lbs)*



Briggs & Stratton 16hp V-Twin Vanguard

### **C80 Engine Options**

*13hp (9.75kW) Honda OHV GX390  
13.5hp (10.13kW) Robin OHV EH41*

### **C100 Engine**

*16hp (12kW) Briggs & Stratton  
Vanguard® OHV V-Twin*

*All Engines Are Covered By A Two  
Year Manufacturers Warranty\**



*\*See respective manufacturer's warranty  
information for full terms & conditions.*

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Side Discharge Chute with Adjustable Deflector



Guard with Operator Instruction/Tool Holder Infeed Chute  
C80 Infeed Height – 1170mm 46" / C100 Infeed Height – 1200mm 47"



Infeed Chute Guard Extended  
Hopper Size 600mm (24") Wide x 450mm (18") High



### **Infeed Throat Dimensions**

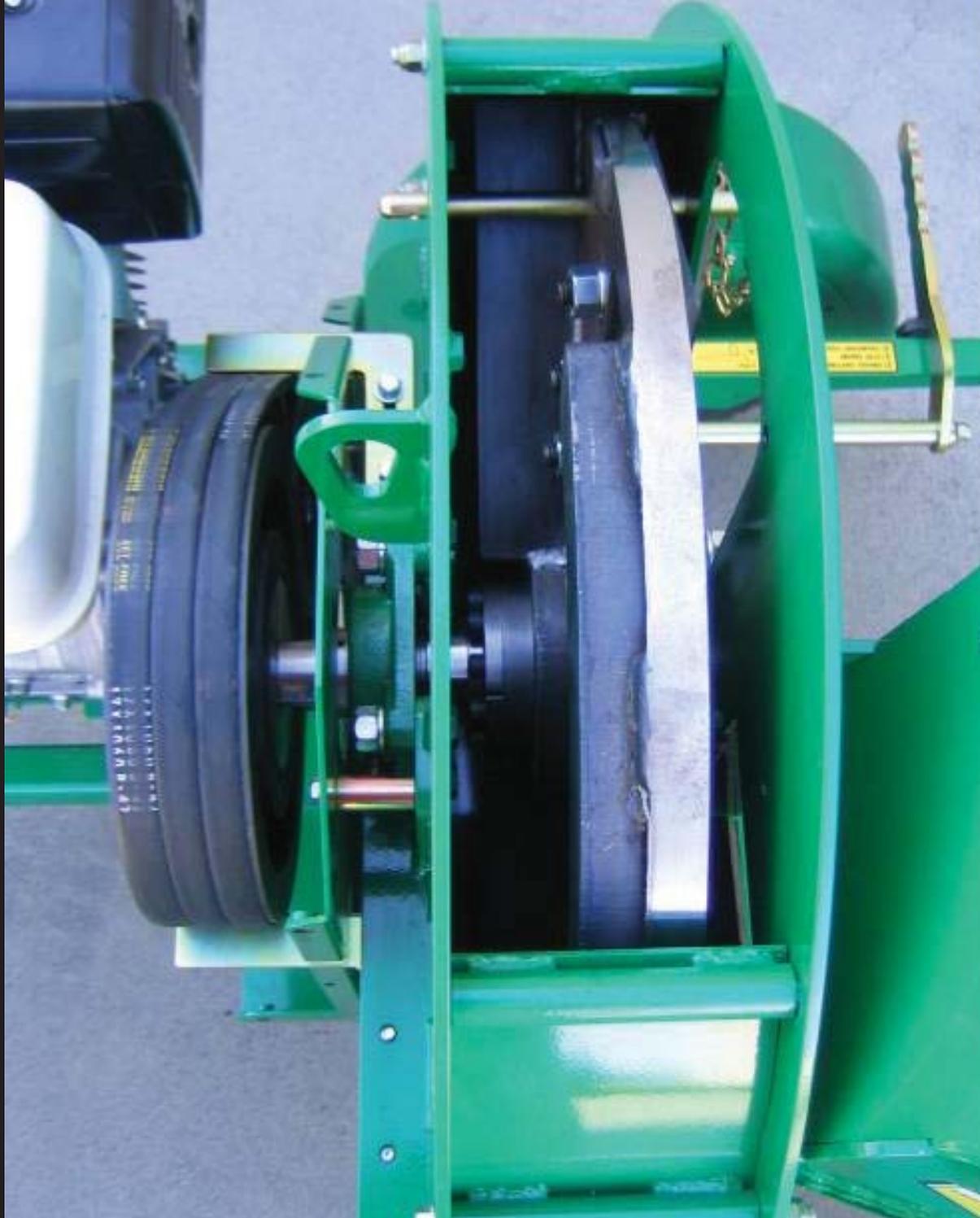
*125mm (5") x 125mm (5")*

*Adjustable & Reversible Anvil*

*Blade Size 7 1/4"x4"x3/8*



Triple B Section Drive Belts – Oil/Heat Resistant



## **Chipper Disc & Belt Drive**

*Simple Over Centre Cam  
Engagement System – Eliminates  
Centrifugal Clutch*

*Easy Access to Volute with  
Discharge Chute Removed (2 Bolts)*



## **Belt Guard Removed**

*Slotted Belt Guides  
No Adjustment Required  
Simple Belt Change Procedure*



ENGAGE  
STOPPING DISC  
START ENGINE

One Bolt Drive Belt Adjustment



Rotor Molded Mud Guards

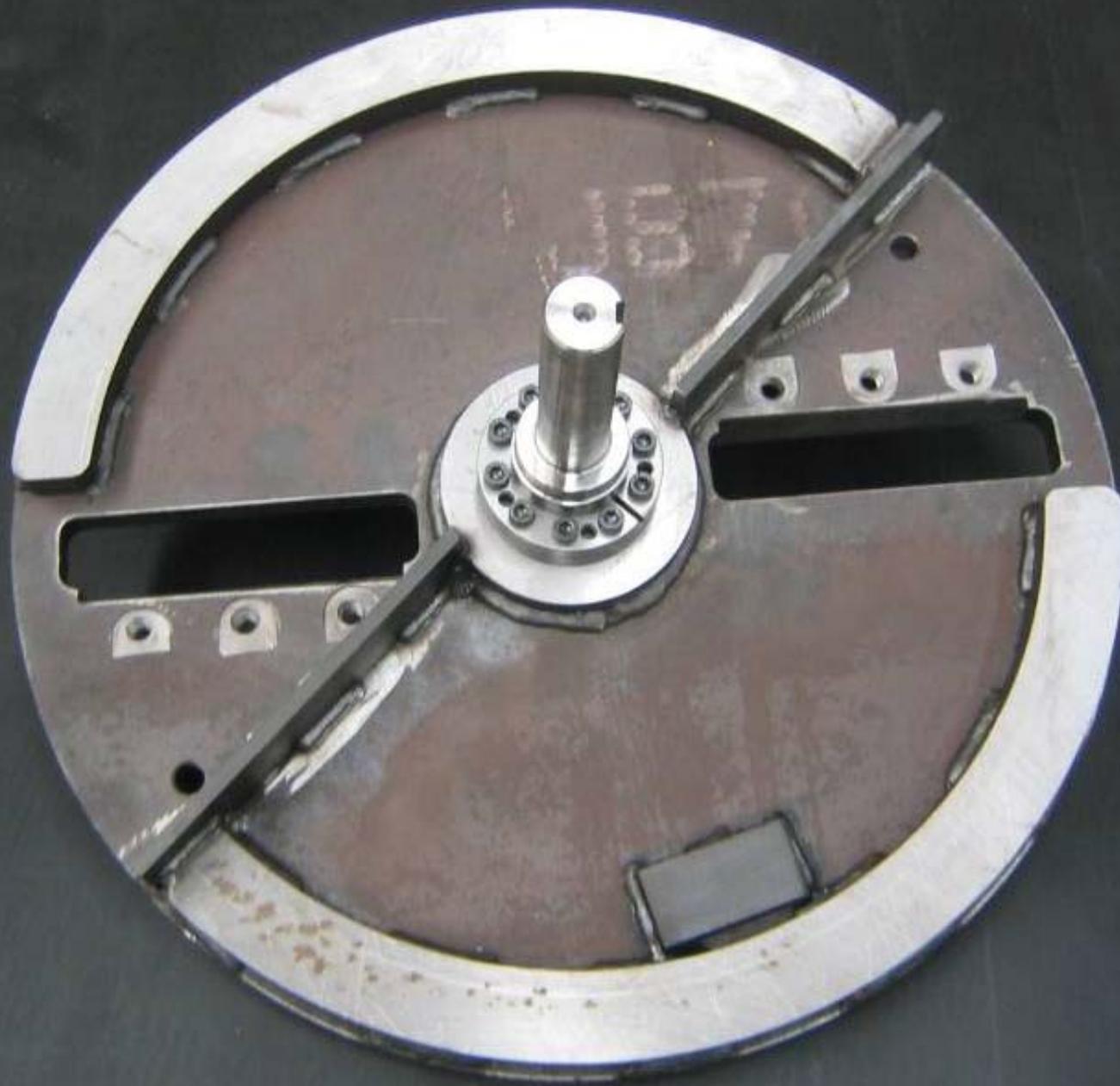
Disc Engagement Lever - Disengaged



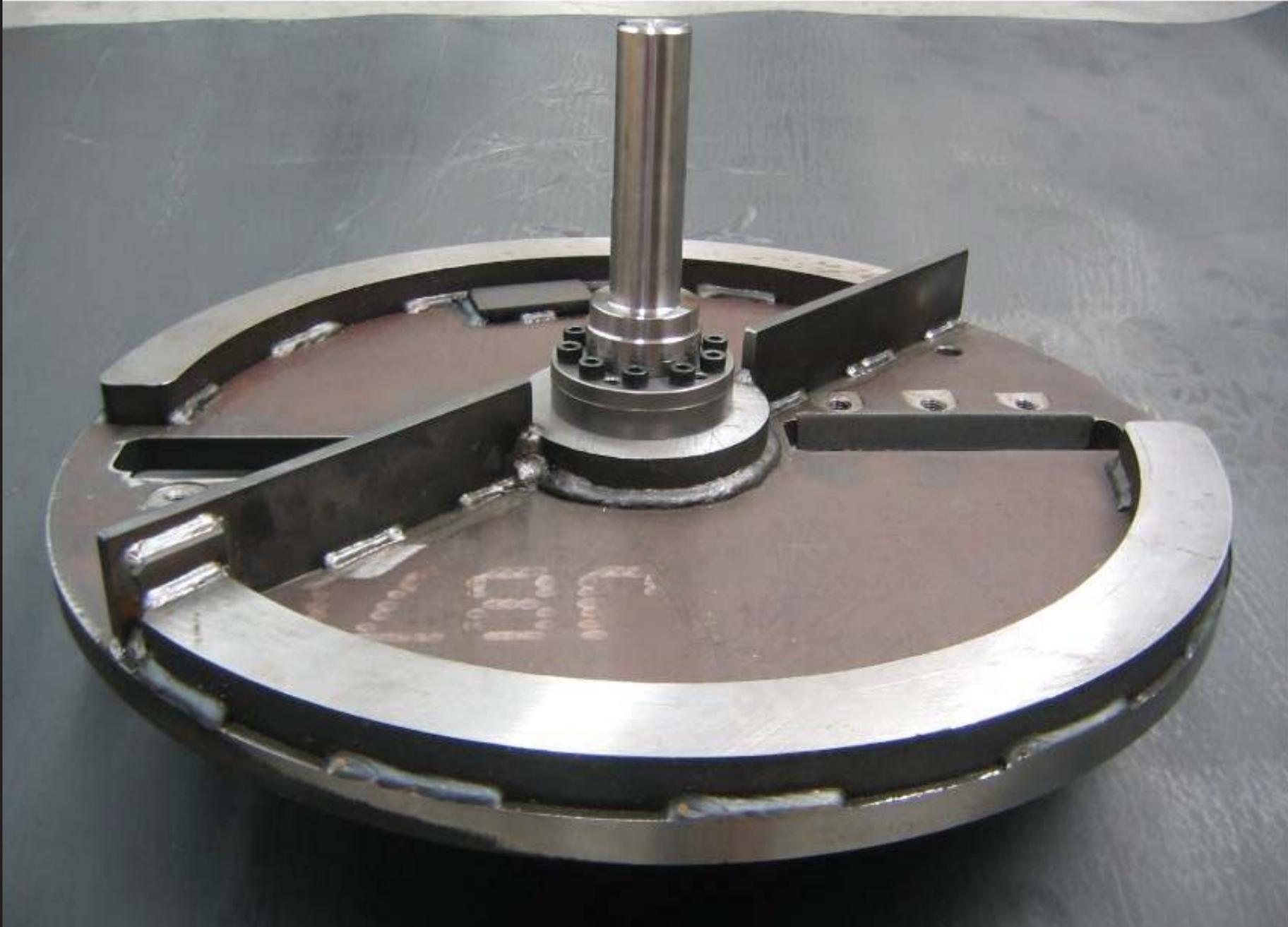
Disc Engagement Lever - Engaged



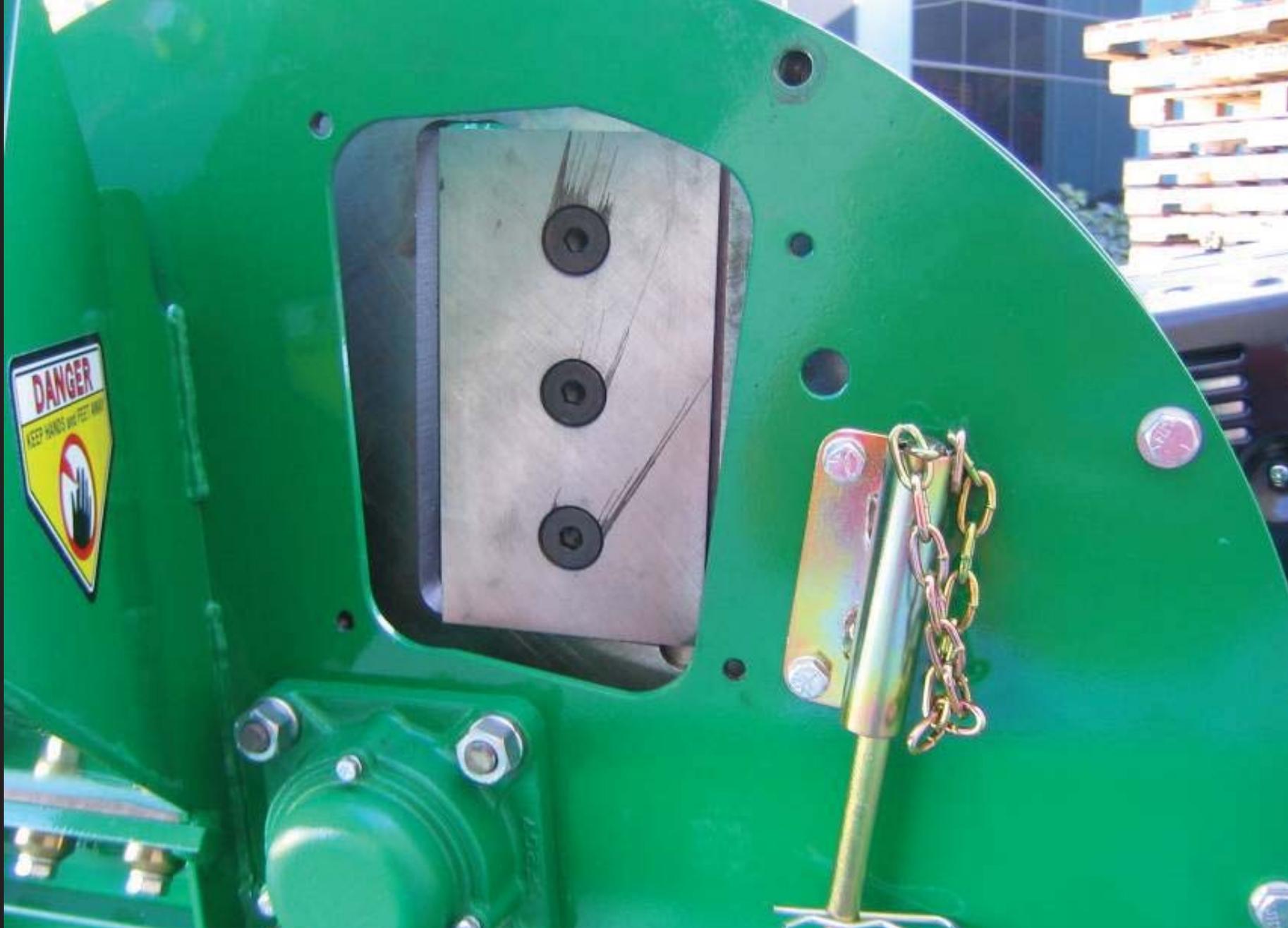
Front of Chipper Disc – 578mm (22.75") Diameter – 50mm (1.97") Shaft at Hub Centre



Rear of Chipper Disc – 45mm 1 3/4" Thick Across Weights



Rear of Chipper Disc – 45mm 1 3/4" Thick Across Weights



Blade Access with Disc Locking Pin



Blade Access with Disc Locking Pin In Use



Rear Blade Lockout Access



Volute Cover & Blade Access Covers Removed

*Disc Operating Speed*  
1700 RPM

*Engine Speed*  
3000 RPM

*Chip Size*  
19mm – 25mm  
¾" – 1"

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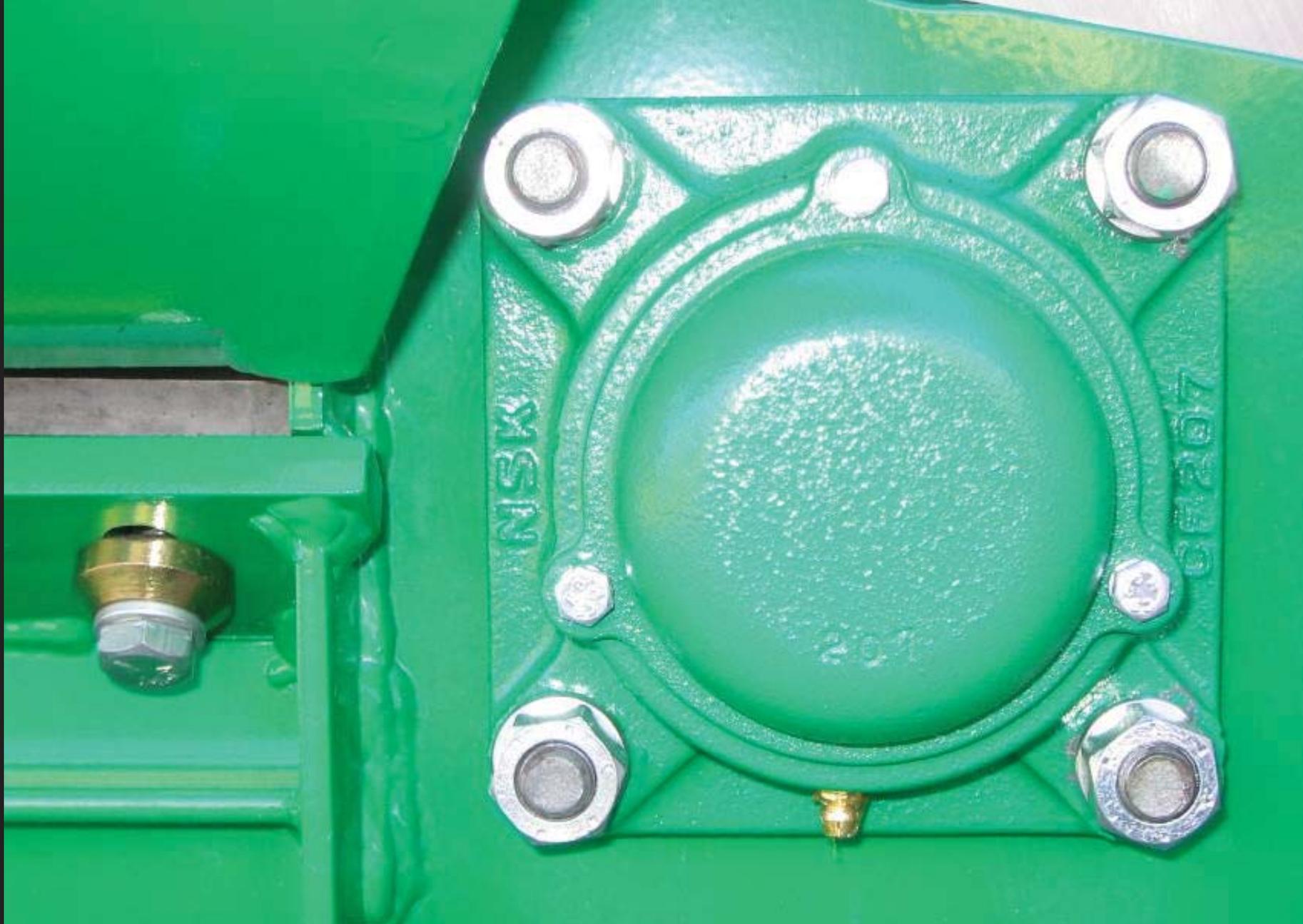
Anvil Adjustment



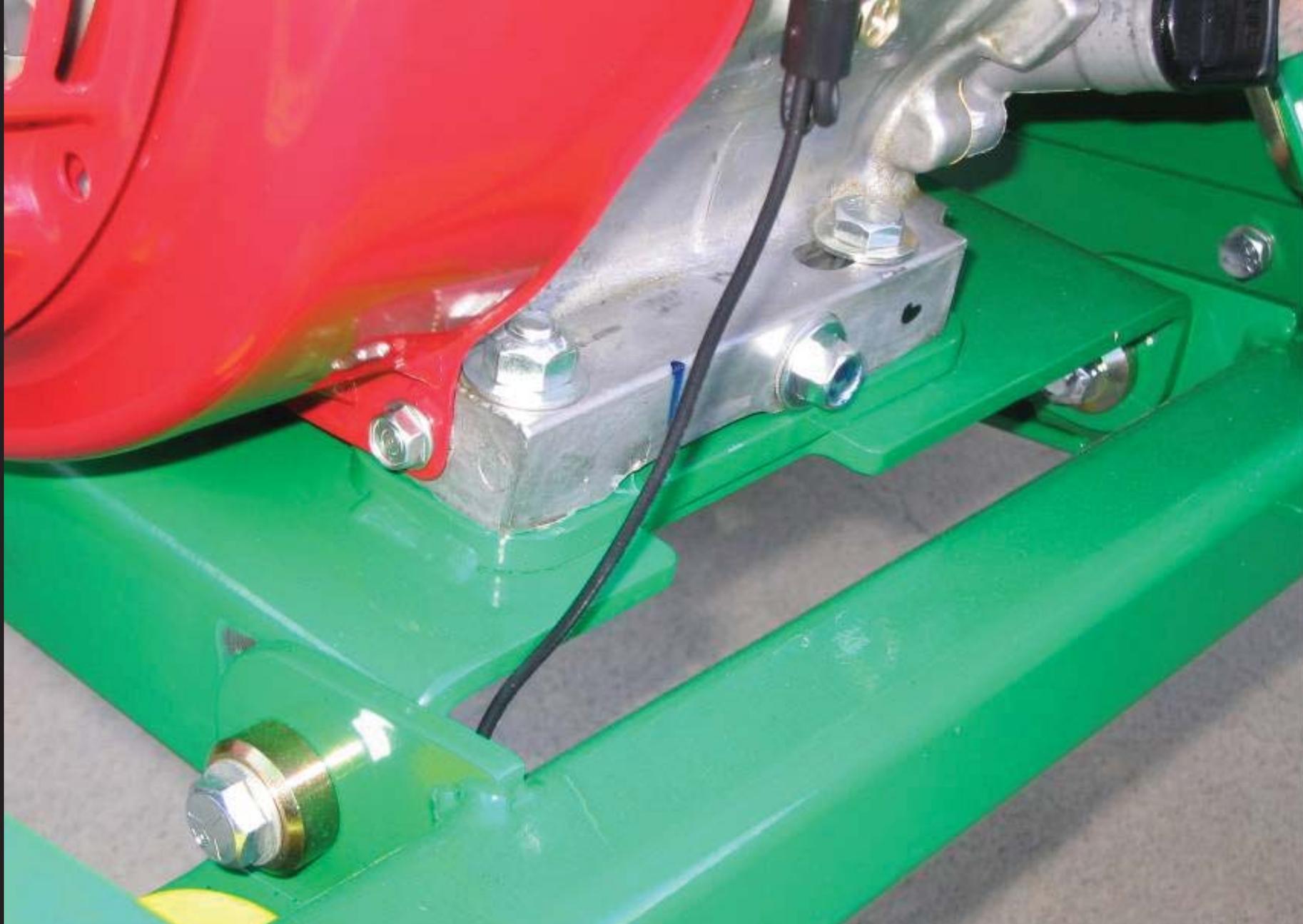
Fixed Discharge Chute – Adjustable Deflector



Rear Rotor Bearing Grease Fitting



Front Rotor Bearing Grease Fitting – Cast Rotor Shaft Cover – Shaft @ Bearing 35mm



Engine Cradle – Twin Trunnion Hinge



Engine Cradle – Bottom View



Engine Cradle – Compression Spring



Red Roo Flexride™ Independent Rubber Torsion Axle – Galvanized



*Spare Tyre Assembly*

*50mm Coupling*

*7-Pin Flat Connector*

*Jockey Wheel / Spring Loaded  
Double Pin*



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Genuine Hella® Light Kit



Laser Cut, CNC Folded, Sandblasted & Powder Coated Chassis



CARAC NZ 50mm Ball Coupling (Adjustable)  
Tongue Weight  
C80 – 30kg (66lb)  
C100 – 40kg (88lb)



Briggs & Stratton Hour Meter

*Specifications will vary between  
the C80 and the C100.*

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