

MODEL 50-'09 "PIRANHA" CHESAW

Irwin's Most Aggressive Chesaw



Innovative Scrap Size Reduction

- For Off-Line or In-Line Granulation
- Granulates quietly...on the Production Floor

Flexibility of Operation and Applications

- Accommodates nominal 52 inch web scrap (1270 mm)
- For Foam or Rigid Plastics Applications with Pre-shredder infeed and 'Churn' drive
 - For all 'Off-Spec' Plastic Sheet / Roll stock
 - For Nested 'Off-Spec' Foam Parts (or 'loose' Rigid Plastic Parts)

Covered by the following patents:

5,893,523
6,644,570 B1
6,644,573 B2
6,695,239 B2
6,969,017 B2
7,048,215 B2
7,083,132 B2
Others Pending

 **IRWIN**
Research & Development, Inc
THE ORIGINAL TECHNOLOGY

MODEL 50-'09 "PIRANHA" CHESA



Safe manual Reverse Interlocked Access And Sound suppression Blower.

Safety First...Protecting Your Workers

- Protected Feed Access on Sheet Throat and Parts Hopper
- Protected and Interlocked Manual Reverse Points for all drive motors
- Robust fail safe 'Dog Bone' Torque Arms for Drive Trains
- Two-Corner 'E-Stop' protection.

Reliability means improved Bottom Line Profit

- Robust Design for a Long Life.
- Aggressive Cutting Knives
- Self protecting 'Anti-Jamming'
- Overload / Reversing Feed Drive Functions
- Nord/Siemens Helical Gearmotors
- Improved Flake Evacuation via Blower Air Assist and Recirculation
- Auto Lube Unit insures Trouble Free Bearing longevity
- High Quality Siemens Micromaster Vector Drive and Inverter Duty Feed Motor

User Friendly for everyone

- Remote Operators Console with speed override/control



Nord Gearmotor And Spur Gear Lubrication Cover.



Cutting Chamber Access Door

- Multiple Access Material Feed (plus slaved conveyor feed ability)
- Easy Access for Clean Out of Knives.
- 'Anti Tear' In-Feed Rollers for Unmonitored Sheet Reduction
- Two way 'Adjustable Scraper' Plates Enhances Cutting Efficiency
- Final Sizing screen has Adjustable Mounting insuring Maximum Flake Output
- Sound Suppressor 7.5 HP Blower.

Specifications for CLS Chesaw (Model 50 shown)

- Depth (Feed Direction) = 90 inches
- Width (Cross Sheet Direction) = 140 inches
- Height = 78 inches
- Weight = 7500 lbs
- Power Requirement = 3 Phase 60 Hz service 125 Amps for 30 Hp main motor drive train (50 Hz available)



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