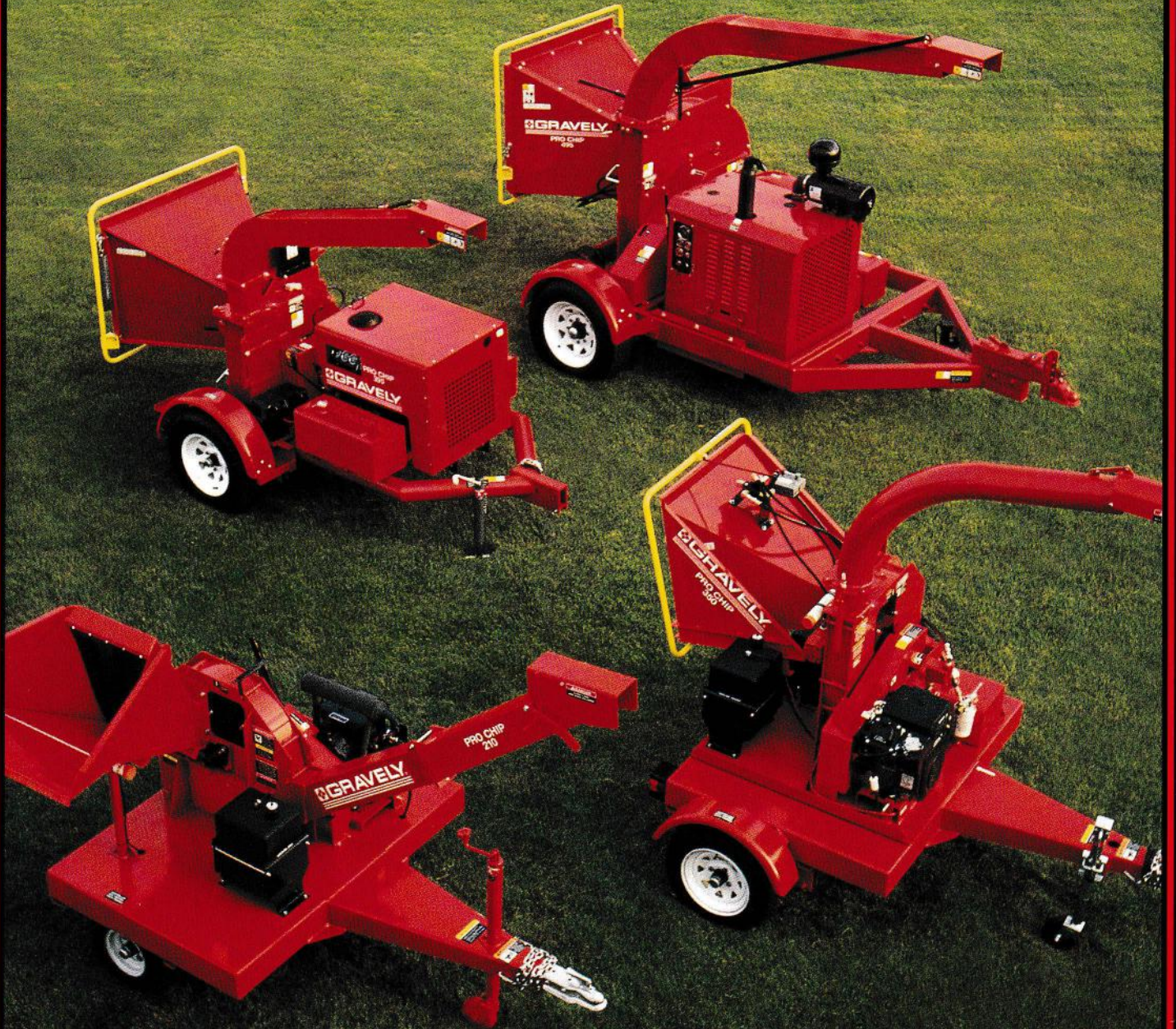


 **GRAVELLY**®

PRO CHIP SERIES



GRAVELY PRO CHIP 210

If you're looking for a chipper that's compact, highly portable and easy to use, you're looking for Gravely's Pro Chip 210. As the first choice among professionals, the Pro Chip 210 is the smallest of the Gravely chippers, and yet it still has the capacity to handle most clean-ups. Its sound structure — a heavy-gauge, solid steel pan chassis — is fully suspended for easy towing.

The distinguishing characteristic that separates the Pro Chip 210 from its competitors is a rotary flywheel weighing 180 lbs. The momentum of this large "side-fed" wheel aids in keeping rotation at full speed, allowing for more capacity while using less



power. The reversible knives incorporated in the side of the flywheel shave branches across the end as they are side-fed. This means there is less grabbing or whipping of branches from

an operator's hands when feeding the chipper.

Sliced chips are passed through the flywheel and are picked up by the internal Mellow-Tone Fan. These chips



The Pro Chip 210's full-length chute can be folded for traveling. The specially-designed hopper's shape funnels branches directly to the knives. All controls are within an easy reach of the operator, and the hopper design protects the operator from contact with moving knives.

can be thrown up to 40 feet, enabling the loading of a full-size chipper truck. It is also possible to deflect the chips to the ground for mulch.



The Gravelly Pro Chip 210 PTO is a heavy-duty chipper that will fit any category 1, 3-point hitch. It is capable of chipping limbs up to 6" in diameter.

GRAVELLY[®]

PRO CHIP 310/350

Gravelly takes all the benefits and features of the Pro Chip 210 and adds to it a 360-degree rotating chipper with a hydraulic input to feed from any position. And there you have it, the Gravelly Pro Chip 310 and 350 Limb and Brush Chipper.

The Pro Chip 310 or 350's design is based on extensive field research and is engineered to be the perfect size for today's requirements. Its large capacity handles 95% of all chipping jobs and

produces small chips salable for mulching as well as many other uses.

As with the 210, the Pro 310 and 350 are highly portable. Made of the same solid structure, they also contain the flywheel design exclusive to Gravelly.



The 310 and 350 are engineered to a matched drive train to give maximum rotary inertia, which gives them more inertia than other chippers their size. With waist-level feeding there is no lifting of heavy branches. The large

funnel-shaped opening accepts branches that other brand units this size can't handle.

A hydraulic input feed roller controls the intake rate for safer non-whipping of branches from the operator's hands. It automatically feeds limb branches



which could be troublesome to feed by hand. The operator control bar allows immediate stop or reverse of feed roller.

As chips are sliced, they are picked up by the internal Mellow-Tone Fan. These chips can be thrown up to 30 feet, enabling the loading of a full-size chipper truck. Chips can also be deflected to the ground for mulch.



With the exception of a wider axle, larger tires, standard fenders and lights for safer and easier towing, the Pro Chip 350 is identical to Gravelly's Pro Chip 310 (right).



Chipper can be used with a full-size chipper truck or blown on the ground for mulch by rotating the hopper to your desired work position.

GRAVELLY[®]

PRO CHIP 395

The Gravelly Pro Chip 395 Brush Chipper is specifically designed to bring big jobs down to size. It has a 175 FPM feed rate, which is one of the fastest disc-designs in the industry, and the 90-degree feed angle requires 25% less horsepower which results in increased productivity. The 395 is powered by a strong 40.5 HP Yanmar diesel engine and is built to run all day. This diesel engine provides the high torque necessary to tackle large chipping jobs with ease.

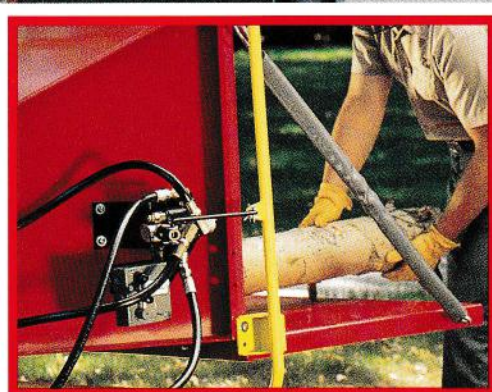
With an automatic clutch and operator-friendly controls, it is engineered for commercial use by municipalities and landscapers alike. The large 30" x 40" funnel-shaped



opening accepts branches and limbs up to 9-1/2" in diameter. The waist-level opening and hydraulic rollers combine to make feeding all types of brush and

limbs easy to handle.

Other features of the Pro Chip 395 include a 20" telescoping adjustable tongue, parking stand, and



The dual feed rollers and dual hydraulics ensure proper feeding of small bushy limbs or large diameter material.

ICC-approved taillights, stoplights, and turn signals.



Full instrumentation and operator-friendly controls for ease of operation.

GRAVELLY[®]

PRO CHIP 495

The best way to introduce Gravelly's Pro Chip 495 is to take everything the Pro Chip 395 has to offer and double the horsepower. It's only logical that the largest of all Gravelly chippers comes with an option of two engines: the 81 HP Perkins or the turbo-charged 102 HP Perkins.

The Pro Chip 495 is engineered to handle the biggest jobs of all. Perfect for municipalities and arborers alike, the large 36" x 44" funnel-shaped opening accepts branches and limbs up to 14" in diameter. Its hydraulic feed

system is adaptable for smaller pieces while the capabilities allow up to 200 FPM. And with the hopper positioned off to the left, the operator can stand



safely to the right, along the roadside, out of harm's way.

The Electronic Auto Feed System automatically maintains the engine

speed for maximum performance in all conditions. And the 7" x 7" discharge chute happens to be one of the largest in the industry.



Performance, safety, serviceability,
and the revolutionary Electronic Auto
Feed System makes the Pro Chip 495
a best buy.



The Pro Chip 495 diesel engine, along with the chipper design, provides ample horsepower to handle up to 14"-diameter brush and limbs.



Amp, hourmeter, tachometer, oil pressure, and water temperature gauges are all standard.

PRO CHIP SERIES

	Pro Chip 210	Pro Chip 210 PTO	Pro Chip 310	Pro Chip 350	Pro Chip 395	Pro Chip 495	Pro Chip 495
	18 HP Kohler Command	Engine Requirements: 18 HP min. - 30 HP max.	25 HP Kohler Command	25 HP Kohler Command	41.5 HP Yanmar Diesel	102 HP Perkins T4.236 Diesel	81 HP Perkins 4.236 Diesel
	18 HP @ 3600 RPM		25 HP @ 3750 RPM	25 HP @ 3750 RPM	41.5 HP @ 3000 RPM	102 HP @ 2600 RPM	81 HP @ 2600 RPM
ELECTRICAL SYSTEM	12 volt, electric start						
CHARGING SYSTEM	12 volt, 15 amp						
	12 volt, 40 amp						
	12 volt, 66 amp						
REMOTE AIR CLEANER	Yes						
PTO	Centrifugal clutch						
	540 RPM, Class 1, 3-pt. hitch						
	Manual twin disc clutch, 7-1/2" over center						
	Manual twin disc clutch, 11" over center						
CUTTING CAPACITY	6" diameter, intermittently						
	14" diameter, intermittently						
	9-1/2" diameter, intermittently						
CUTTER KNIVES (QTY) LENGTH	(2) 16"						
	(2) 10"						
	(2) 10" reversible						
BED KNIVES	One (4) edge, reversible						
	One (2) edge, reversible						
FLYWHEEL	44" (110 cm) diameter x 2" (5 cm) thick, 800 lbs. (360 kg)						
	29-1/2" (73.75 cm) diameter x 1-1/2" (3.75 cm) thick, 290 lbs. (130.5 kg)						
	28" (70 cm) diameter x 1" (2.5 cm) thick, 180 lbs. (81 kg)						
FAN BLADES	Four 17-3/4" x 3"						
	Two						
	Four						
FUEL CAPACITY	20 gallons (76.92 liters) with fuel pump						
	10 gallons (38.46 liters)						
	5.3 gallons (20.38 liters)						
HYDRAULIC CAPACITY	10 gallons (38.46 liters)						
	5.3 gallons (20.38 liters)						
FEED HOPPER	36" (90 cm) x 44" (110 cm), hydraulic rear feed, dual roller						
	30" (75 cm) x 40" (100 cm), hydraulic rear feed						
	28" (70 cm) x 24" (60 cm), hydraulic rear feed, right or left						
	24" (60 cm) x 24" (60 cm), manual rear feed						
FEED THROAT	14" (35 cm) x 15" (37.5 cm)						
	9-1/2" (23.75 cm) x 12-1/2" (31.25 cm)						
	7" (17.5 cm) x 7-1/2" (18.75 cm)						
FEED APRON	Folding						
ANGLE	101 degrees						
	90 degrees						
	58 degrees						
FEED RATE	0-200 FPM, electronic auto feed						
	175 FPM						
	146 FPM						
	Gravity feed						
SAFETY DISTANCE (ground to rollers)	101.5" (253.75 cm)						
	97" (242.50 cm)						
	90" (225 cm)						
	77" (192.50 cm)						
FEED ROLLERS	Two 10" (25 cm) diameter x 14-1/2" (36.25 cm) long						
	Two 8-5/8" (21.57 cm) diameter x 9-1/4" (23.12 cm) long						
	One 6.5" (16.25 cm) diameter x 7" (17.50 cm)						
FEED ROLLER TENSION	Weighted						
	Weighted and spring						
FEED HOPPER ROTATION	Fixed rear position						
	360 degrees						
DISCHARGE	100" x 104", Distance: 100', Height of discharge if not deflected: 15', Rotation: 280 degrees						
	87" x 92", Distance: 30', Height of discharge if not deflected: 18', Rotation: 360 degrees						
	73" x 83", Distance: 30', Height of discharge if not deflected: 15', Rotation: 360 degrees						
	72" x 74", Distance: 40', Height of discharge if not deflected: 18'						

PRO CHIP SERIES CONTINUED

		Pro Chip 495	Pro Chip 495	Pro Chip 395	Pro Chip 350	Pro Chip 310	Pro Chip 210 PTO	Pro Chip 210
		102 HP Perkins T4.236 Diesel	81 HP Perkins 4.236 Diesel	41.5 HP Yanmar Diesel	25 HP Kohler Command	25 HP Kohler Command	Engine Requirements: 18 HP min. - 30 HP max.	18 HP Kohler Command
		102 HP @ 2600 RPM	81 HP @ 2600 RPM	41.5 HP @ 3000 RPM	25 HP @ 3750 RPM	25 HP @ 3750 RPM		18 HP @ 3600 RPM
FRAME	Welded steel, 2" x 6" tubing							
	Welded steel, 4-1/2" dia. tube and 6" channel							
	Solid steel pan	•	•	•	•	•	•	•
REAR STABILIZER JACK	Standard							
FRONT WHEEL JACK	Standard	•	•	•	•	•	•	•
TONGUE	2-5/16" ball and 3" adjustable ring							
	2" coupler			•	•			
CHAINS	Telescoping adjustable, 20" range, 2" coupler						•	
	(2) hook type	•	•	•	•	•	•	•
AXLE CAPACITY	6000 lbs. (2700 kg)							•
	3500 lbs. (1575 kg)							•
	2000 lbs. (900 kg)	•	•	•	•	•	•	•
AXLE SUSPENSION	Rubber torsion							•
	Leaf springs	•	•	•	•	•	•	•
WHEELS	9.50" (23.75 cm) - 16.5" (41.25 cm) LT							•
	4.80" (12 cm) - 8" (20 cm)	•						
	5.70" (14.25 cm) - 8" (20 cm)			•				
	5.30" (13.25 cm) - 12" (30 cm)				•			
LIGHTS	F78-14ST							•
	Standard							•
	ICC-approved taillights, stoplights, turn signals							•
BRAKES	Optional	•	•	•	•	•	•	•
	Surge							•
WEIGHT (EST) TOTAL	5650 lbs. (2542.50 kg), Tongue Weight: 550 lbs. (247.50 kg)							•
	2740 lbs. (1233 kg)							•
	1678 lbs. (755.10 kg)							•
	1662 lbs. (747.90 kg)							•
	1000 lbs. (450 kg)	•						
DIMENSIONS	702 lbs. (315.90 kg)		•					
	104" W (260 cm) x 173" L (432.50 cm) x 104" H (260 cm)							•
	74" W (185 cm) x 150" L (375 cm) x 60" H (150 cm)							•
	74" W (185 cm) x 84" L (210 cm) x 60" H (150 cm)							•
	62" W (155 cm) x 84" L (210 cm) x 60" H (150 cm)	•	•					
INSTRUMENTS	34" W (85 cm) x 60" L (150 cm) x 59" H (147.50 cm)		•					
	AMP							•
	Hourmeter/Tachometer							•
	Oil Pressure							•
TOOL BOX (LOCKABLE)	Water Temp.							•
	Standard							•
BATTERY BOX (LOCKABLE)	Standard							•
	Light Kit	•						
OPTIONS	Variable Speed Kit			•	•	•	•	
	Electric Brake Kit							•
	Class 2 Hitch (Adj. 3" pintle eye or 2-5/16" coupler)							•

GRAVELLY SAFETY STANDARDS

- Meet or exceed safety requirements including tough European CE requirements.
- Removable ignition key to prevent accidental operation.
- Special 5 position hydraulic valve for feed rollers that provides a stop for the feed rollers in the upright position and at the end of either direction. Stop bar has a unique color for better visibility. (Featured on the Pro Chip 310, 350, 395, and 495.)
- Specially-designed feed hopper that minimizes access to feed rollers during operation.
- All rotation shafts are covered.
- Mufflers are guarded.
- Pictorial decals have been added.



Success Rides on a Gravely. 

GRAVELY FINANCIAL SERVICES

Gravely offers two easy ways to obtain your equipment.

Easy Leasing

The Gravely Four Seasons commercial leasing program is available from your local Gravely dealer.

- Competitive leasing rates

Easy Financing

Gravely's Four Seasons Financing Plan makes it easy for qualified customers to own Gravely precision-engineered grounds care equipment.

- Competitive rates
- Quick approval

Available at participating U.S. dealers only. Maximum 18% Annual Percentage Rate. Minimum down payment may be required.

Details of the Limited Warranty are available on request.

To continue its program of quality and design improvement, the manufacturer reserves the right to change specifications, designs, and prices without notice and without incurring obligations.

GRAVELY LIMITED WARRANTY

Gravely International issues a Limited Warranty on all new Gravely equipment as follows:

MODEL	CONSUMER USE	COMMERCIAL USE
Professional Two-Wheel Series	5 years	2 years
Professional-G Series	5 years	2 years
Pro Series	2 years	2 years
PROMASTER Series	2 years	2 years
Pro Aire Series	2 years	1 year 90 days - Rental
Pro Chip & Pro Vac	1 year	1 year 90 days - Rental

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