

shindaiwa



GAS CHAIN SAWS

WE SIMPLY MAKE THEM BETTER.

Shindaiwa's 695, 575, 500, 451, 416, 350, 345 and 300. Eight of the toughest, professional quality chain saws around.

Each model proves our commitment to manufacturing the best small- and medium-sized chain saws money can buy.

They simply outclass anything in their class.

HIGH-PERFORMANCE 2-CYCLE ENGINES.

Shindaiwa's commitment to excellence is reflected by our staff of college-degreed engineers, who represent 10 percent of our total work force.

Every component on every saw is precision designed to perform to the maximum. Nothing is wasted. Not an extra ounce of weight is found on any Shindaiwa saw.

Shindaiwa out-performs and out-lasts the competition. Our engines generate extra-high chain speed. Our wide power curve means outstanding lugging.

Compare Shindaiwa to the best German, Swedish, Japanese, and American chain saws. You'll see why we say, "We Simply Make Them Better."

POROUS CHROME CYLINDER.

A unique cylinder porting design uses less fuel, while providing greater power than many much larger saws. Porous chrome means better cylinder lubrication for longer engine life.

ADJUSTABLE AUTOMATIC OIL PUMP.

Operates off the clutch, not off the crankshaft. Oil runs only when the chain is moving. This reduces consumption.

ANTI-VAPOR LOCK DESIGN.

Our strategically-placed fuel tank and carburetor means easy starts. Even in the hottest weather.

Our 345 to 500 series features a more costly nylon insert fuel tank and special carburetor sleeve to ensure maximum performance in the meanest conditions.

An external fuel line and extra-large flywheel fins also help prevent vapor lock and contribute to extended engine life.

ELECTRONIC IGNITION.

Reliable starting. More microsparks per spark. With only 1 in 10,000 failing on the job, the unit normally lasts the saw's life.

HIGH PARTS INTERCHANGEABILITY.

A high percentage of parts interchangeability is found among the five horizontal cylinder models as well as the larger models 695 and 575. Generally, all bolts, fasteners, and anti-vibration parts interchange. As well as many major parts and castings.

Shindaiwa provides the ultimate in easy maintenance and repair. Faster service for users. More manageable inventory levels and carrying costs for dealers.

ANTI-VIBRATION.

All models feature full anti-vibration systems. Independent Japanese-Government tests rank Shindaiwa's vibration levels noticeably lower than other gasoline chain saws.

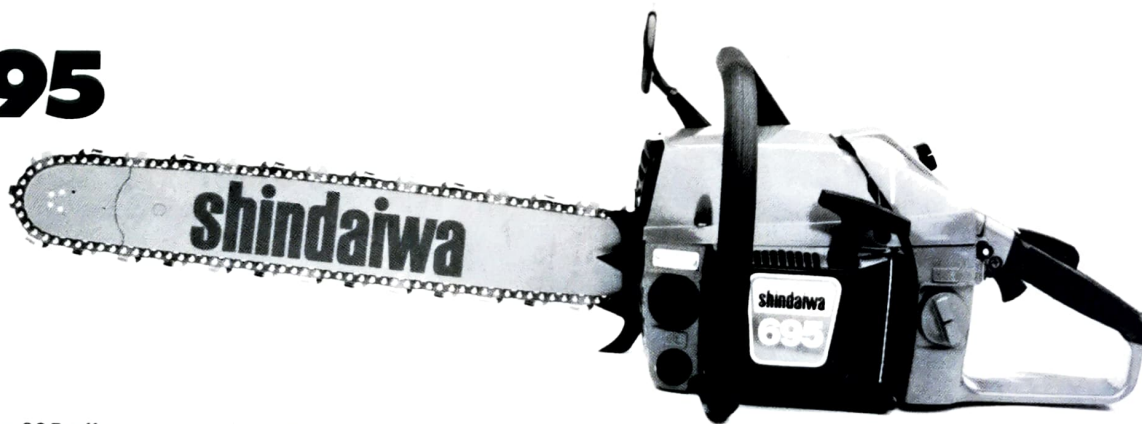
SAFER OPERATION.

Lightweight and low vibration reduce operator fatigue for a greater margin of safety.

Consumer models are manufactured and U.L. approved to meet all ANSI kick-back safety standards. Spark-arrestor mufflers are U.S.F.S. approved.

Safety chain brake. Rubber-coated chain catcher. Throttle interlock. Rubber rear handgrip. And rear hand guard. All are standard on all models.

695



The 695 offers cutters incredible performance. Low vibration. A chrome cylinder. Two-ring piston. Connecting-rod thrust stabilizer. Clutch-driven automatic oiler. Pulse advance electronic ignition. Isolated carburetor with built-in de-icer. And a powerful Shindaiwa 67.9cc engine.

The air cleaner cover detaches with single thumb-screw. Idle and oiler are externally adjustable. The extra-

large oil hole makes filling easy in cold weather.

Regular or full-wrap handles are available as standard equipment. Falling sights are also standard.

Double spikes. Pulp bumpers. Electronically heated handles. All available as options. Runs 16" to 28" bars

Simply the best new choice in professional chain saws.

575



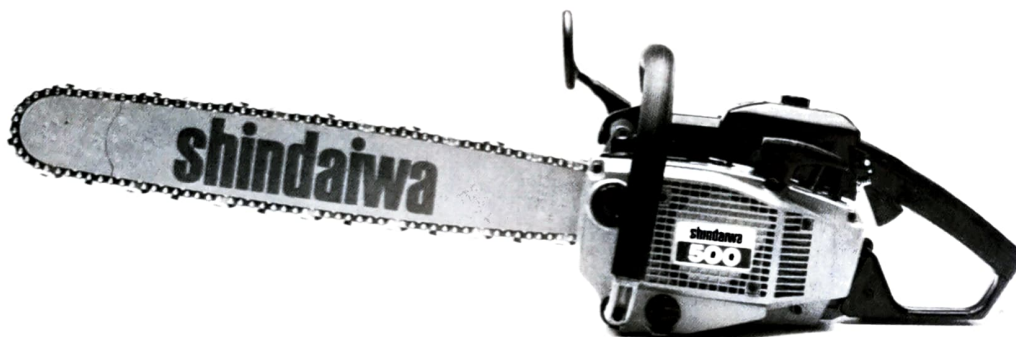
For power and performance in the 3.5 cu. in. class, nothing beats the Shindaiwa 575. It's a saw designed for professional applications. But suitable for serious firewood cutters.

Features a stout 57.3cc Shindaiwa 2-cycle engine. Runs 16" to 24" guide bars. Has all the pro features found on our larger model 695.

Excellent chain speed and low vibration. The "feel" you'd expect from a professional-quality piece of equipment.

Simply in a class by itself, the 575 really cuts it when the going gets tough. It's the perfect bridge between semi-pro and professional chain saws.

500



Shindaiwa's heavy-duty consumer/semi-pro firewood saw. When you need to run a 20" bar with authority choose the 500.

More standard features than other saws in its class. Anti-vibration reduces user fatigue and increases productivity. The 11.7 lb. power head packs 47.9cc of power to tackle even the toughest jobs.

Operates up to 10,000 RPM for noticeably faster cut-

ting speed and greater lugging power than smaller models.

An excellent choice for pulpwood cutting and pre-commercial thinning. The 500 runs 16" to 20" bars and comes standard with Oregon chisel chain, floating-rim sprockets and sprocket-nose bars.

The Shindaiwa 500. Less weight. More power. More features. More ways to make your cutting jobs simpler.

451



CC for cc, the best mid-sized saw you can buy. A perfect heavy-duty firewood saw for consumers. The 43.6cc engine delivers 2.8 horse power.

Higher fuel and oil capacity than smaller models.

Great for farm chores or small timber harvesting.

Runs 16" to 20" bars. Generates the best horsepower in

its class.

Low-kick bar & chain and other important safety features are standard.

Simply more professional features than the competition. The 451 simplifies your choice when you're selecting a mid-sized chain saw.

416



A compact, lightweight 39.4cc powerhouse, the 416 is a strong firewood cutter.

An exceptional power and torque curve delivers outstanding logging and cutting performance.

The 416's powerful 2-cycle engine revs up to 2.6 hp at 9000 RPM. The ideal speed for cutting small diameter timber with a sprocket-nose bar.

Runs 16" and 18" bars and Oregon chisel chain. A handy package at only 10.8 lbs.

Like Shindaiwa's other saws, the 416 offers the best in user safety and comfort.

Simply made better to simply last longer. And perform all the way.

350



Long engine life. Low vibration. A host of safety features. The 35.5cc 350 is the rugged-duty big brother of the Shindaiwa 345.

All housings are die cast magnesium. Delivers 10 percent greater power than the 345.

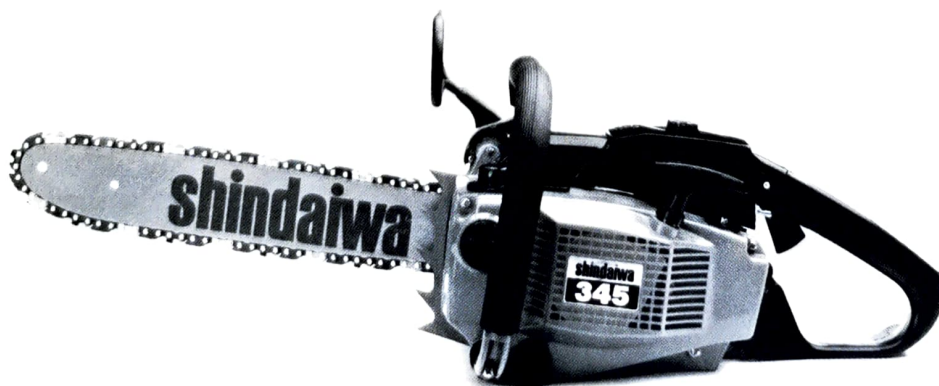
The 350 is designed for day-in and day-out duty. A

tough little workhorse.

Offers more power and cutting performance than any saw in its class. A comfortable machine to operate with extremely low vibration levels.

Runs 14" to 16" bars. You simply can't find a better saw in its class.

345



For price and quality. Simply nothing matches the 33.6cc Shindaiwa 345.

Even occasional users can enjoy professional features found on more expensive models. Full anti-vibration. Chain brake. Automatic oil pump. And a host of safety features.

The 345 beats anything in its class for power, performance, and features.

Runs 14" to 16" bars with confidence.

An unbelievable value. For all you get and as little as you pay. The Shindaiwa 345 is simply a better buy.

ELECTRIC CHAIN SAWS

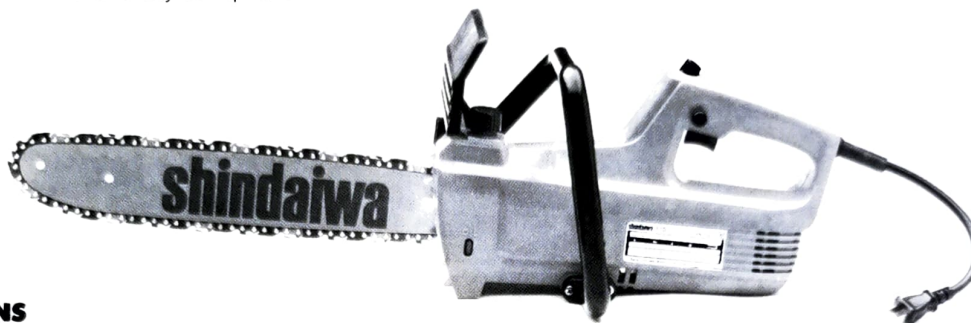
Shindaiwa electric chain saws are built tough to handle tough jobs. Our models perform far above the standards of other electric chain saws.

Excellent saws for bucking logs. Trimming limbs. Remodeling. Cutting through the toughest jobs any electric chain saw is meant to handle. And then some.

They're built to last. But when service is needed, parts are readily repairable or easy to replace.

Industrial-quality components include all-metal drive gears. All ball bearing construction. Heavy-duty replaceable brushes. Automatic oilers on models 140 and 160. Plunger-type oiler on model 110. Oil tank sight gauges. Die-cast bar pads. Welded commutator segments. Two-step safety switches. And removable sprockets.

110



110 SPECIFICATIONS

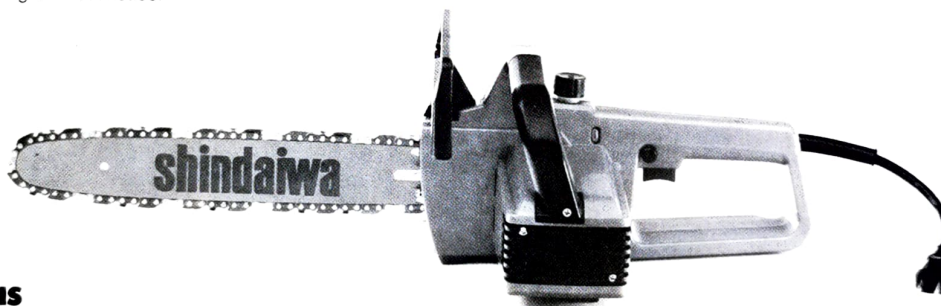
Motor Type: Single phase, commutator / **Rated Voltage:** 115V (AC) / **Rated Current:** 10.5 A / **Rated Input:** 1150 W /

Insulation Class: Double-insulated structure, class A / **Motor RPM:** 24,800 with no load / **Main Shaft RPM:** 4,850 with no load / **Chain Speed:** 1,810 ft/min. with no load / **Bar Length:** 14" / **Cutting Chain:** Oregon®91SG /

Sprocket: 6-tooth / **Gear Type:** Bevel, all metal / **Hand Guard:** Front / **Oiler:** Plunger-type / **Powerhead Weight:** 7.0 lbs./3.2 kg.

Specifications subject to change without notice.

140



140 SPECIFICATIONS

Motor Type: Single phase, commutator / **Rated Voltage:** 115V (AC) / **Rated Current:** 12.0 A / **Rated Input:** 1350 W /

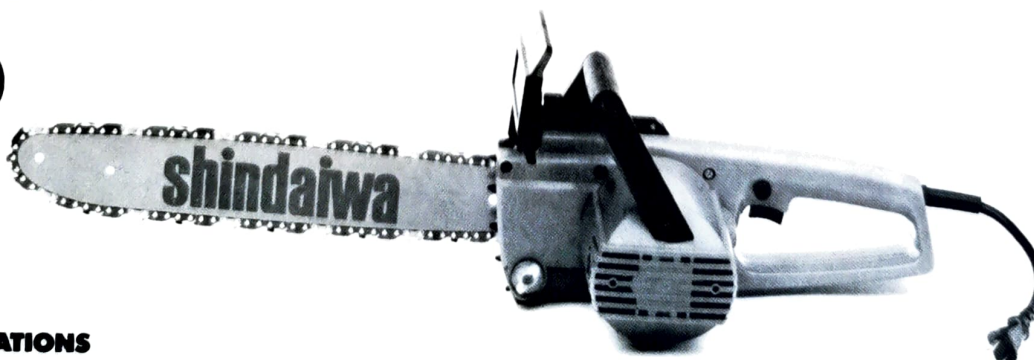
Insulation Class: Double-insulated structure, class A / **Motor RPM:** 28,900 with no load / **Main Shaft RPM:** 4,700 with no load / **Chain Speed:** 1,752 ft/min. with no load / **Bar Length:** 14" / **Cutting Chain:**

Oregon®91SG / **Sprocket:** 6-tooth / **Gear Type:** Helical, all metal / **Hand Guard:** Front & rear / **Oiler:** Automatic /

Safety Chain Brake: Standard / **Powerhead Weight:** 7.0 lbs./3.2 kg.

Specifications subject to change without notice.

160



160 SPECIFICATIONS

Motor Type: Single phase, commutator / **Rated Voltage:** 115V (AC) / **Rated Current:** 13.2 A / **Rated Input:** 1400 W /

Insulation Class: Double-insulated structure, class A / **Motor RPM:** 29,500 with no load / **Main Shaft RPM:** 4,800 with no load / **Chain Speed:** 1,850 ft/min. with no load / **Bar Length:** 16" / **Cutting Chain:**

Oregon®91SG / **Sprocket:** 6-tooth / **Gear Type:** Helical, all metal / **Hand Guard:** Front & rear / **Oiler:** Automatic /

Safety Chain Brake: Standard / **Powerhead Weight:** 11.6 lbs./5.3 kg.

Specifications subject to change without notice.

GAS CHAIN SAW SPECIFICATIONS

MODEL	695	575	500	451
Displacement cc/cubic inch	67.9/4.1	57.3/3.5	47.9/2.9	43.6/2.7
Horsepower	4.8 @ 9000 RPM	4.0 @ 9000 RPM	3.1 @ 9000 RPM	2.8 @ 8500 RPM
Operating Range	7-10,000 RPM	7-10,000 RPM	6-10,000 RPM	6-10,000 RPM
Ignition	Electronic	Electronic	Electronic	Electronic
Carburetor	Walbro HDA	Walbro HDA	Walbro WA	Walbro WA
Air Cleaner	Stainless steel and flocked available on 695, 575, 500, 451, 416, 350 & 345			
Muffler	U.S.F.S. approved spark arrestor with replaceable screen. On all models.			
Chain Type	Oregon® 73LG Super Guard ⅜" pitch	Oregon® 73LG Super Guard ⅜" pitch	Oregon® 33SL Super Guard .325" pitch ⅜" pitch optional	Oregon® 33SL Super Guard .325" pitch
Guide Bar Types	Sprocket Nose. On all models. Symmetrical available on 500, 575, and 695			
Length(s)	16" to 28"	16" to 24"	16" to 20"	16" to 20"
Chain Oiling Pump Type	Fully adjustable, automatic. On all models.			
Oil Tank Capacity	330cc/11.1 oz.	330 cc/11.1 oz.	300cc/10 oz.	300cc/10 oz.
Gas:Oil Ratio	40:1 with Shindaiwa premium 2-cycle oil. On all models.			
Fuel Tank Capacity	700cc/23.7 oz.	700cc/23.7 oz.	500cc/17 oz.	500cc/17 oz.
Full Anti-Vibration System	Standard	Standard	Standard	Standard
Centrifugal Clutch	3-Shoe	3-Shoe	3-Shoe	3-Shoe
Safety Chain Brake	Standard	Standard	Standard	Standard
Front & Rear Hand Guard	Standard	Standard	Standard	Standard
Rubber Coated Chain Catcher	Standard	Standard	Standard	Standard
Weight – Power Unit	6.0 kg./13.2 lbs.	5.9 kg./13.1 lbs.	5.3 kg./11.7 lbs.	5.3 kg./11.7 lbs.

Specifications subject to change without notice.

MODEL	416	350	345	300
Displacement cc/cubic inch	39.4/2.4	35.5/2.2	33.6/2.0	28.5/1.8
Horsepower	2.6 @ 9000 RPM	2.2 @ 8500 RPM	2.0 @ 8500 RPM	1.6 @ 8500 RPM
Operating Range	6-10,000 RPM	6-10,000 RPM	6-10,000 RPM	6-10,000 RPM
Ignition	Electronic	Electronic	Electronic	Electronic
Carburetor	Walbro WA	Walbro WA	Walbro WA	Walbro WYM
Air Cleaner	Stainless steel and flocked available on 695, 575, 500, 451, 416, 350 & 345			
Muffler	U.S.F.S. approved spark arrestor with replaceable screen. On all models.			
Chain Type	Oregon® 33SL Super Guard .325" pitch	Oregon® 91SG Xtra Guard ⅜" pitch	Oregon® 91SG Xtra Guard ⅜" pitch	Oregon® 91SG Xtra Guard ⅜" pitch
Guide Bar Types	Sprocket Nose. On all models.			
Length(s)	16" & 18"	14" & 16"	14" & 16"	10" to 14"
Chain Oiling Pump Type	Fully adjustable, automatic. On all models.			
Oil Tank Capacity	250cc/8 oz.	250cc/8 oz.	250cc/8 oz.	250cc/8 oz.
Gas:Oil Ratio	40:1 with Shindaiwa premium 2-cycle oil. On all models.			
Fuel Tank Capacity	340cc/11 oz.	340cc/11 oz.	340cc/11 oz.	350cc/11.8 oz.
Full Anti-Vibration System	Standard	Standard	Standard	Standard
Centrifugal Clutch	3-Shoe	3-Shoe	3-Shoe	2-shoe
Safety Chain Brake	Standard	Standard	Standard	Standard
Front & Rear Hand Guard	Standard	Standard	Standard	Standard
Rubber Coated Chain Catcher	Standard	Standard	Standard	Standard
Weight – Power Unit	4.9 kg./10.8 lbs.	4.9 kg./10.8 lbs.	4.8 kg./10.6 lbs.	4.0 kg./8.8 lbs.

Specifications subject to change without notice.