

ECHO®

GET SERIOUS.



**2013
PRODUCT
CATALOG**

ONLY PROFESSIONAL GRADE

WHY ECHO?

ECHO HAS BEEN A LEADING INNOVATOR AND MANUFACTURER OF OUTDOOR POWER EQUIPMENT IN NORTH AMERICA FOR OVER 40 YEARS.

And while a lot has changed over the years, one thing hasn't. ECHO still makes only professional grade outdoor power equipment. And we make it at a price you can afford.

ECHO products have always been engineered and built for professional use and they remain the choice of professional landscapers and arborists. Every piece of equipment we sell is engineered, and built to professional grade standards, using only the highest quality materials. And our advanced production efficiency standards allow us to sell it to you at an incredible value.

ECHO outdoor power equipment is designed to be Easy starting, User friendly, and Long lasting. Our patented i-Start™ technology reduces the effort you need to pull the starter cord by 30 to 70 percent. And ECHO's Pro-Fire® digital ignition system ensures fast and easy starts with less pulls.

Every ECHO engine is tested and tuned to meet the EPA's emissions standards. Our standard 2-year commercial warranty is a testament to the durability we build into all ECHO products. What's more, ECHO outdoor power equipment features an industry-leading, 5-year consumer warranty. That means you can buy ECHO outdoor power equipment with confidence knowing it's dependable, long lasting and backed by one of the best warranties in the industry.

ECHO outdoor power equipment is lightweight and powerful. Since every ECHO product is powered by professional grade engines —the same ones the pros use—ECHO makes even the toughest jobs easy. Padded handles and vibration reduction systems make using your ECHO outdoor power equipment

comfortable. So, go ahead, use your ECHO outdoor power equipment all day long. You'll soon see how ECHO's high-performance engines and comfortable features make yard work easy, fast and fun.



**OUTDOOR POWER EQUIPMENT FROM ECHO -
EASY STARTING.....USER FRIENDLY....AND LONG LASTING.**



ECHO Industry Firsts Include:

Knapsack
Backpack Duster

Knapsack
Power Duster/Mister/Blower

Backpack
Brushcutter

Straight Shaft
Brushcutter

Brushcutter with
All Position Carburetor

DM9 Backpack
Power Blower

2-Cylinder Opposed
Chain Saw



WHERE TO BUY ECHO

So are you ready to **GET SERIOUS** about your outdoor power equipment? Are you ready to **TRADE UP** to ECHO? You can find ECHO outdoor power equipment at over 6,000 North American dealers and major retailers such as The Home Depot. Most dealers have trained sales and service professionals ready to help you find the ECHO outdoor power equipment that's just right for you. Visit our store locator to find one near you.

If you are looking for the highest level of sales and service support, consider purchasing your ECHO products from a **Signature Elite Dealer**. These dealers are committed to providing customers with outstanding ECHO product selection, customer support and service.



By visiting a Signature Elite Dealer, you will receive:

- **Broad Product Selection**
- **Knowledgeable Sales Staff**
 - Trained to understand the products they sell & service.
- **Trained Service Support**
 - Friendly and eager to help service techs so any equipment related issue is quickly resolved.

BECOME A FLEET MEMBER AND SAVE BIG!

If you are a professional user of outdoor power equipment and plan to purchase a new arsenal, you may want to learn more about the ECHO Fleet Program. Once qualified for the program, you'll enjoy discounts ranging from 16% to 20% off on both whole goods and accessory purchases every time you purchase. Visit your local dealer to learn more.



Table of Contents

CHAIN SAWS	4
POWER PRUNERS®	7
BLOWERS	8
SHRED 'N' VAC®	10
EDGERS	11
TRIMMERS	12
BRUSHCUTTERS	14
HEADS & BLADES	15
PRO ATTACHMENT SERIES™	16
HEDGE TRIMMERS	18
BED REDEFINER	20
SPRAYERS	21
EARTH/ICE AUGER	22
TILLER	22
ENGINE DRILL	22
WATER PUMP	22
OIL & LUBRICANT	23

HOW TO USE THIS CATALOG.

This year's catalog includes a feature and benefit cross-reference. Simply correlate the lettered codes from each individual model with the master list for each product category. See the example at the right.

ECHO Chain Saw Features and Benefits

- A** Dual-post chain brake for extra durability
- B** Inertia-type chain brake for safety
- C** Tool-less air filter cover for easy access
- D** Automotive-style air filter for superior filtration
- E** Two-piece flocked air filter for easy cleaning
- F** Vibration-reduction system for operator comfort
- G** i-30™ starting system for reduced effort starting

CS-370

The best chain saw in its class.
• 36.3 cc. professional-grade 2-stroke
• 14", 16", and 18" bar lengths

A B C D E F G



INNOVATION, NOT IMITATION

Curved Shaft
Power Edger

Shred N' Vac®

Rapid-Loader™
Trimmer Head

i-Start™
Technology

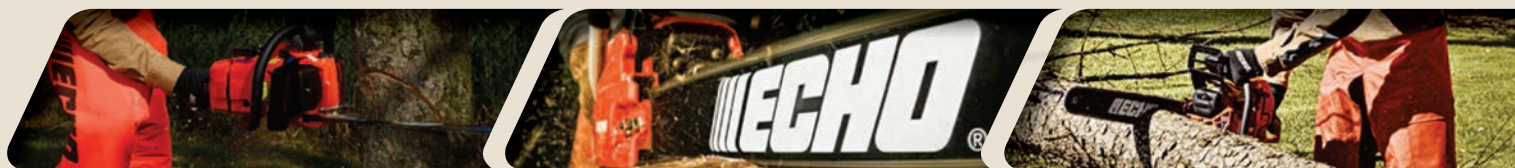
Bear Cat

5-Year Warranty

Bed Redefiner



CHAIN SAWS



THE PROFESSIONALS' CHOICE FOR POWER AND RELIABILITY!

Whether you're pruning limbs, cutting firewood or taking down a whole tree, ECHO Chain Saws provide long, trouble-free performance. Superior quality begins with a professional-grade, 2-stroke engine and an advanced ignition system that ensure fast starts and smooth operation. Along with exceptional quality, all ECHO Chain Saws have professional features such as vibration

reduction systems, easy access air filters, automatic oilers, inertia chain brakes and the G-Force Engine Air Pre-Cleaner™. ECHO Chain Saws are certified to the highest level of useful life to ensure the maximum value from your investment. All ECHO Chain Saws are backed by a 5-year consumer and 1-year commercial warranty.

ECHO Chain Saw Features and Benefits

- | | |
|--|---|
| A Dual-post chain brake for extra durability | M Automatic, adjustable clutch-driven oiler for reduced oil consumption |
| B Inertia-type chain brake for safety | N Automatic, adjustable oiler with manual over-ride for more oil control |
| C Tool-less air filter cover for easy access | O Performance Cutting System™ - upgraded bar and aggressive chain for improved cutting performance |
| D Automotive-style air filter for superior filtration | P Replaceable, metal bumper spike for improved control |
| E Two-piece flocked air filter for easy cleaning | Q Side access chain tensioner for quick chain adjustments |
| F Vibration-reduction system for operator comfort | R Decompression valve for easy starting |
| G i-30™ starting system for reduced effort starting | S Aluminum handle with rubber grip for improved comfort |
| H Spring-assisted starting system for reduced effort | T Extended handle for greater reach, maneuverability and control |
| I Digital ignition system for easy starting and smooth acceleration | U Metal lanyard ring for easy attaching and detaching |
| J Integrated choke and fast idle with trigger release for easy starting | V Optional metal bumper spike for more control |
| K G-Force Engine Air Pre-Cleaner™ for reduced air filter maintenance | W Automatic clutch-driven oiler to keep chain lubricated |
| L Automatic, adjustable oiler to match cutting conditions | X Purge bulb for easy starting |



CS-271T

The lightest gas-powered chain saw in North America.

- 26.9 cc professional-grade 2-stroke engine
- 12" bar length

B C F G I J K M Q V X



CS-341

Long-time favorite of demanding, professional users.

- 33.4 cc professional-grade 2-stroke engine
- 12", 14", and 16" bar lengths

F B L Q T U X



CS-355T

Our crowning achievement.

- 35.8 cc professional-grade 2-stroke engine
- 14", and 16" bar lengths

A B F H I J K M P Q U X



For more information on ECHO Chain Saws including specifications and bars/chain sizes and accessories, scan this QR code with your smartphone's QR code app.



800-432-3246
WWW.ECHO-USA.COM

CHAIN SAWS

ECHO
GET SERIOUS.



AUTOMATIC ADJUSTABLE OILER



i-30™ STARTING SYSTEM



AUTOMOTIVE-STYLE AIR FILTER



CS-310

Professional features and light weight.

- 30.5 cc professional-grade 2-stroke engine
- 14" bar length

A B C E F G I J K Q X W



CS-352

Same features as CS-310 with increased power.

- 34.0 cc professional-grade 2-stroke engine
- 14" and 16" bar lengths

A B C E F G I J K Q X W



CS-370

The best value chain saw in its class.

- 36.3 cc professional-grade 2-stroke engine
- 14", 16", and 18" bar lengths

A B C D F G I K L P Q S X



CS-400

Same features as CS-370 with increased power.

- 40.2 cc professional-grade 2-stroke engine
- 16" and 18" bar lengths

A B C D F G I J K L P Q S X



CS-450

Outstanding power and performance.

- 45.0 cc professional-grade 2-stroke engine
- 16", 18", 20" bar lengths

A B C D F I J M P Q S X



CS-450P

Same features as CS-450 with a Performance Cutting System.

- 45.0 cc professional-grade 2-stroke engine
- 16", 18", 20" bar lengths

A B C D F I J M O P Q S X



CS-500P

Lightest weight chain saw in its class.

- 50.2 cc professional-grade 2-stroke engine
- 16", 18" and 20" bar lengths

A B C E F H J K M O P S



CS-550P

Engine provides reduced emissions and improved fuel economy.

- 54.1 cc Power Boost™ engine
- 16", 18" and 20" bar lengths

A B C E F I J K M O P Q R



CS-600P

Professional features and a Performance Cutting System.

- 59.8 cc professional-grade 2-stroke engine
- 16", 20", 24", 27" bar lengths

A B C E F I J K M O P Q R S



CS-680

Popular choice for tree felling.

- 66.8 cc high performance, 2-stroke engine
- 20", 24", and 27" bar lengths

B C D F N O P Q S



CS-8000

ECHO's largest chain saw.

- 80.7 cc professional-grade, 2-stroke engine
- 24", 27", 32", and 36" bar lengths

C F N O P S



For more information on ECHO Chain Saws including specifications and bars/chain sizes and accessories, scan this QR code with your smartphone's QR code app.

ONLY PROFESSIONAL GRADE

CHAIN SAWS

CHAIN SAW SPECIFICATIONS

Model	Engine Disp. (cc)	Engine Disp. (cu in)	Starting System	Ignition System	Purge Bulb	Oiling System	Vibration Reduction	Available Bar Length (in)	Fuel Cap. (fl oz)	Oil Cap. (fl oz)	Dry Weight* (lb)
CS-271T	26.9	1.64	i-30™	Digital	Yes	Auto/Adjustable**	Yes	12	8.1	5.4	6.6
CS-310	30.5	1.86	i-30™	Digital	Yes	Automatic**	Yes	14	8.5	8.8	8.8
CS-341	33.4	2.04	Standard	SAIS	Yes	Auto/Adjustable	Yes	12, 14, 16	8.5	5.0	7.6
CS-352	34.0	2.08	i-30™	Digital	Yes	Automatic**	Yes	14, 16	8.5	8.8	8.8
CS-355T	35.8	2.19	Reduced Effort	Digital	Yes	Auto/Adjustable**	Yes	14, 16	11.2	8.2	8.0
CS-370	36.3	2.21	i-30™	Digital	Yes	Auto/Adjustable	Yes	14, 16, 18	13.9	9.5	10.0
CS-400	40.2	2.45	i-30™	Digital	Yes	Auto/Adjustable	Yes	16, 18	13.9	9.5	10.1
CS-450 450P	45.0	2.75	Standard	Digital	Yes	Auto/Adjustable**	Yes	16, 18, 20	15.2	9.5	11.2
CS-500P	50.2	3.06	Reduced Effort	CDI	No	Auto/Adjustable**	Yes	16, 18, 20	16.9	9.5	10.6
CS-550P	54.1	3.30	Standard	Digital	No	Auto/Adjustable**	Yes	16, 18, 20	17.9	10.1	13.3
CS-600P	59.8	3.65	Standard	Digital	No	Auto/Adjustable**	Yes	16, 20, 24, 27	19.1	10.1	13.3
CS-680	66.8	4.07	Standard	SAIS	No	Auto/Adjustable***	Yes	20, 24, 27	22.5	13.0	14.5
CS-8000	80.7	4.92	Standard	SAIS	No	Auto/Adjustable***	Yes	24, 27, 32, 36	28.9	14.1	16.5

* without bar and chain ** clutch-driven *** with manual override

CHAIN SAW BARS AND CHAINS

Chain Saw Models	Bar Length	Bar Part #	Chain Part #	Link Count	Chain Gauge	Chain Pitch	File Size
CS-271T(Standard)	12"	12A0CD3745	91V645CQ	45	0.043"	3/8"	5/32"
CS-271T(Narrow Kerf)	12"	12A4CD3745	90SG45CQ	45	0.050"	3/8"	4.5mm
CS-305 / 306	12"	12A4CD3745	90SG45CQ	45	0.043"	3/8"	4.5mm
	14"	14A4CD3752	90SG52CQ	52			
CS-301 / 310 / 341 / 346 / 352	12"	12A0CD3745	91V645CQ	45	0.050"	3/8"	5/32"
	14"	14A0CD3752	91V652CQ	52			
	16"	16A0CD3757	91V657CQ	57			
CS-330T / 360T	12"	12A0ED3745	91V645CQ	45	0.050"	3/8"	5/32"
	14"	14A0ED3752	91V652CQ	52			
	16"	16A0ED3757	91V657CQ	57			
CS-355T	14"	14A0ED3752	91PX52CQ	52	0.050"	3/8"	5/32"
	16"	16A0ED3757	91PX57CQ	57			
CS-370	14"	14A0CD3752	91V652CQ	52	0.050"	3/8"	5/32"
	16"	16A0CD3757	91V657CQ	57			
	18"	18A0CD3762	91V662CQ	62			
CS-400	16"	16A0ED3757	91V657CQ	57	0.050"	3/8"	5/32"
	18"	18A0ED3762	91V662CQ	62			
CS-450 / 520 (Narrow Kerf)	16"	16F0MD3366	95VP66CQ	66	0.050"	0.325"	3/16"
	18"	18F0MD3372	95VP72CQ	72			
	20"	20A0MD3378	95VP78CQ	78			
	20"	20A0MD3378	95VP78CQ	78			
CS-440 / 450 / 510 / 530	16"	16F0AD3366	20BPX66CQ	66	0.050"	0.325"	3/16"
	18"	18F0AD3372	20BPX72CQ	72			
	20"	20F0AD3378	20BPX78CQ	78			
CS-450P / 500P / 550P	16"	16F0LD3366	20LPX66CQ	66	0.050"	0.325"	3/16"
	18"	18F0LD3372	20LPX72CQ	72			
	20"	20F0LD3378	20LPX78CQ	78			
	20"	20F0LD3378	20LPX78CQ	78			
CS-600P / 670 / 680 (16"-27") CS-8000 (20"-36")	16"	16D0PS3860	72LPX60CQ	60	0.050"	3/8"	7/32"
	20"	20D0PS3870	72LPX70CQ	70			
	24"	24D0PS3881	72LPX81CQ	81			
	27"	27D0PS3893	72LPX93CQ	93			
	32"	32D0PS3805	72LPX105CQ	105			
	36"	36D0PS3816	72LPX116CQ	116			

POWER PRUNER BARS AND CHAINS

Power Pruner Models	Bar Length	Bar Part #	Chain Part #	Link Count	Chain Gauge	Chain Pitch	File Size
PPT-265 / 266 / 280	10"	10A0CD3739	91VXL39CQ	39	0.050"	3/8"	5/32"
PPF-225 / 280	12"	12A0CD3744	91VXL44CQ	44			
PPT-265 / 266 / 280	10"	10A4CD3739	90S39CQ	39	0.043"	3/8"	4.5mm
PPF-225 / 280 (Narrow Kerf)			90S44CQ	44			
PPT-230 / 260	10"	10G0ZD3739	91VXL39CQ	39	0.050"	3/8"	5/32"
PPF-210			91VXL44CQ	44			

CHAIN SAW & POWER PRUNER® SAFETY GEAR

ECHO Premium Protective Chaps



Apron

- Manufactured using 12 layers of polyester material for superior strength and durability.

36" - Apron
Part #99988801300
36" - Full Wrap
Part #99988801302
40" - Apron
Part #99988801301
40" - Full Wrap
Part #99988801303



Full Wrap

Chain Saw Gloves

Two layers of Kevlar® on the back, foam pads on the palm, 100% goat skin leather on the front, reinforced finger tips and knuckles and a Velcro™ wrist closure.

Medium: Part# 99988801600
Large: Part# 99988801601
XLarge: Part# 99988801602
XXLarge: Part# 99988801603



Helmet System

- Helmet, mesh face visor and ear protection.

NRR 22 dB(A)
Part #99988801500



Chain Saw Tip Guards

Protect against kick-back by preventing saw's tip from making contact with logs & branches.

CS-271T through CS-400:
Part# 2894901
CS-440 through CS-8000:
Part# 2893201



See the ECHO 2013 Accessories Catalog for Chain Saw Accessories

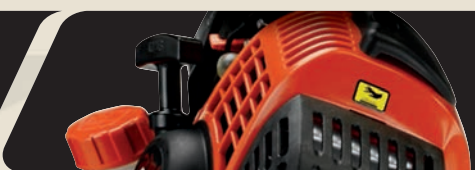


For more information on ECHO Power Pruners® including specifications and bars/chain sizes and accessories, scan this QR code with your smartphone's QR code app.





HANDLE WITH RUBBER GRIP



DIGITAL IGNITION SYSTEM



SIDE ACCESS CHAIN TENSIONER

Reach New Performance Heights!

ECHO Power Pruners provide extra long reach for fast, easy and safe tree pruning. The lightweight design and comfortable controls ensure maximum operator comfort. A heavy-duty gearbox features dual-sealed bearings, spiral cut steel gears and a manual grease port for maximum lubrication, durability and cutting performance. An automatic,

adjustable oiler delivers the right amount of oil, every time, for exceptional chain lubrication. A side-access chain tensioning system makes adjustments quick and convenient. All ECHO Power Pruners are backed by a 5-year consumer and 2-year commercial warranty.

ECHO Power Pruner® Features and Benefits

- | | |
|--|---|
| A Tool-less air filter cover for easy access | I Ergonomic loop handle with rubber grip for comfort and handling |
| B 2-stage air filter for improved filtration and long engine life | J In-line handle with rubber grip for comfort |
| C i-30™ starting system for reduced effort starting | K Shock absorbing drive shaft prevents damage to shaft |
| D Digital ignition system for easy starting | L Automatic, adjustable oiler to match cutting conditions |
| E Purge bulb for easy starting | M Side access chain tensioner for quick chain adjustments |
| F Galvanized steel tube for rigidity and durability | N Multi-layer flexible cable drive with lifetime warranty for buyer confidence |
| G Aluminum inner drive shaft for torsion strength | O Rubberized front hand location for comfort and vibration reduction |
| H Ribbed fiberglass outer shaft for rigidity and control | P 1.5:1 gear ratio provides torque needed to cut large branches |



PPF-225

Fixed shaft Power Pruner®.

- 21.2 cc professional-grade 2-stroke engine
- 10" bar length and 93" overall length

A C D E F J L M N O



PPF-280

Extended reach, fixed shaft Power Pruner®.

- 28.1 cc professional-grade 2-stroke engine
- 12" bar length and 109" overall length

A B D E F J L M N O



PPT-266

Professional features and long-reach cutting ability.

- 25.4 cc professional-grade 2-stroke engine
- 12" bar length and 107" - 146" overall length

A B C D E G H I K L M N



PPT-266H

Trimmer-style handle and long-reach cutting ability.

- 25.4 cc professional-grade 2-stroke engine
- 12" bar length and 107" - 146" overall length

A B C D E G H I K L M N



PPT-280

Increased power and extra long-reach cutting ability.

- 28.1 cc professional-grade 2-stroke engine
- 12" bar length and 113" - 158" overall length

A B D E G H I K L M N

POWER PRUNER® SPECIFICATIONS

Model	Engine Disp. (cc)	Engine Disp. (cu in)	Carburetor (w/Purge Pump)	Starting System	Fuel Cap. (fl oz)	Oil Cap. (fl oz)	Length Collapsed (in)	Length Extended (in)	Optional Extension (ft)	Bar Length (in)	Dry Weight* (lb)
PPF-225	21.2	1.29	Rotary	i-30™	14.9	7.6	93	-	3	10	13.9
PPF-280	28.1	1.71	Rotary	Standard	21.6	7.6	109	-	3	12	15.3
PPT-266	25.4	1.55	Rotary	i-30™	16.4	7.6	107	146	4	12	17.4
PPT-266H	25.4	1.55	Rotary	i-30™	16.4	7.6	107	146	4	12	17.2
PPT-280	28.1	1.71	Rotary	Standard	21.6	7.6	113	158	4	12	19.2

BLOWERS



Powerful, Productive, and Quiet.

An ECHO Leaf Blower will make quick work of any yard clean-up. Our line-up includes both handheld and backpack configurations with many operator-friendly features like comfortable handles with “cruise control”, padded backrests and shoulder straps, Posi-Loc™ tubes for secure pipe connections, and ProFire® ignitions

for quick and easy starts. Most backpack blowers are available in either tube-mounted or hip-mounted throttles. And with the most certified low noise blowers available (65 dB(A)), ECHO blowers will perform in noise-sensitive environments. All ECHO Blowers are backed by a 5-year consumer and 2-year commercial warranty.

ECHO Blower Features and Benefits

- A** Posi-loc™ pipes for a secure connection
- B** i-30™ starting system for easy starts
- C** Padded backrest and shoulder straps for comfort
- D** Low noise, 65 dB(A) or less, output for noise sensitive environments
- E** Pleated, automotive-style air filter for superior filtration
- F** Hip-mounted throttle with cruise control for operator convenience
- G** Tube-mounted throttle with cruise control for operator convenience
- H** Roll-cage frame for lightweight durability
- I** “L”-style frame for impact damage resistance
- J** Leaf guard for keeping debris out of fan intake
- K** Extra-flexible tube for cold weather operation
- L** Wide-angle tube rotation for optimum mobility
- M** Rotational control for reduced operator fatigue
- N** Grouped controls with “cruise” for operator convenience
- O** Rubber top handle grip for comfort and control
- P** Parallel handles for all-position operation
- Q** Flared-end pipe for moving heavy or wet debris



ECHO-Exclusive Vented Back Pad
allows air to circulate around the user for comfortable all day operation on hot days

HANDHELD BLOWERS



PB-250LN

Outstanding handheld performance and light weight.

- 25.4 cc professional-grade, 2-stroke engine
- 391 CFM and 165 MPH

ADMM

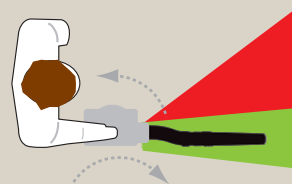


PB-255LN

A step up in features with 64 dB(A) low noise performance.

- 25.4 cc professional-grade, 2-stroke engine
- 354 CFM and 191 MPH

ADMMNOPQ



“ROTATIONAL CONTROL”

ECHO reduced the effort required to keep the blower from rotating in towards the operator's legs (like most handheld models do) and actually delivers a slight pull away from the operator (green section). The effect makes the blower easier to handle and reduces stress on the operator's arm.

See the ECHO 2013 Accessories Catalog for Blower Accessories



For more information on ECHO Blowers including specifications, attachments and accessories, scan this QR code with your smartphone's QR code app.



BACKPACK BLOWERS



POSI-LOC™ SECURE CONNECTION



i-30™ STARTING SYSTEM



ROTATIONAL CONTROL DESIGN



PB-265LN

Comfortable operation with 64 dB(A) low noise performance.

- 25.4 cc professional-grade, 2-stroke engine
- 375 CFM and 158 MPH

A B C D F



PB-460LN

The "Quiet 1": Only 65 dB(A) at wide open throttle.

- 44 cc professional-grade, 2-stroke engine
- 383 CFM and 201 MPH

C D E F H



PB-500

Combines dependability and comfort with economical performance.

- 50.8 cc stratified-technology, 2-stroke engine
- 465 CFM and 195 MPH
- Available in hip (PB-500H shown) or tube (PB-500T) throttles

A C E F or G I J N



PB-755S

Combines dependability and comfort with economical performance.

- 63.3 cc professional-grade, 2-stroke engine
- 651 CFM and 233 MPH
- Available in hip (PB-755SH) or tube (PB-755ST shown) throttles

A C E F or G H K L N



PB-770

Industry best combination of air speed and air volume.

- 63.3 cc professional-grade, 2-stroke engine
- 756 CFM and 234 MPH
- Available in hip (PB-770H shown) or tube (PB-770T) throttles

A C F or G J K L N

BLOWER SPECIFICATIONS

Blower Model	Blower Type	Engine Disp. (cc)	Carb. (w/Purge Pump)	Starting System	Fuel Cap. (fl. oz.)	Helper Handle	Air Volume (cfm-pipe)	Maximum Air Speed (mph-pipe)	Average Air Speed (mph-pipe)	Noise Level dB(A)	Dry Weight (lb)
PB-250LN	Handheld	25.4	Rotary	Standard	16.9	N.A.	391	165	137	65	9.9
PB-255LN	Handheld	25.4	Diaphragm	Standard	16.9	N.A.	354	191	157	64	10.4
PB-265LN	Backpack	25.4	Rotary	i-30™	21	Standard	375	158	131	64	13.3
PB-460LN	Backpack	44	Diaphragm	Standard	64	Standard	383	201	167	65	26.4
PB-500H/T	Backpack	50.8	Diaphragm	Standard	57.8	Standard	465	195	163	70	22.9
PB-755SH/T	Backpack	63.3	Rotary	Standard	68.3	Standard	651	233	195	74	24.7
PB-770H/T	Backpack	63.3	Diaphragm	Standard	68.3	Standard	756	234	196	73	24.3

SHRED 'N' VAC®



Blow it! Shred it! Bag it!

Any way you want it, ECHO's versatile Shred 'N' Vac® turns yard debris into garden mulch fast. With ECHO's professional-grade 2-stroke engines, you have the power to reduce a volume of debris by a ratio of up to 12 to 1. The large two bushel capacity

bag minimizes emptying. Both models quickly convert to blower or vacuum applications. All ECHO Shred 'N' Vacs are backed by a 5-year consumer and 2-year commercial warranty.

ECHO Shred 'N' Vac® Features and Benefits

- A** Posi-loc™ pipes for secure connection
- B** i-30™ starting system for easy starts
- C** Professional-grade felt air filtration for long engine life
- D** Rotational control for reduced operator fatigue
- E** Grouped controls with "cruise" for operator convenience
- F** Rubber top handle grip for comfort and control
- G** 35" long intake tube for easy reach
- H** Patented, 4-blade shredding mechanism for optimum 12:1 debris reduction
- I** 2-bushel collection bag with rear zipper for convenient emptying



PATENTED SHREDDER BLADE
for optimum 12:1 debris reduction



ES-250 converted to a blower



ES-250

Ideal for residential lawn maintenance.

- 25.4 cc professional-grade, 2-stroke engine
- 391 CFM and 165 MPH
- All pipes included to convert from shredder to blower
- Rear zipper bag

A C D E G H I



ES-255 converted to a blower



ES-255

A step up in features over the ES-250.

- 25.4 cc professional-grade, 2-stroke engine
- 354 CFM and 191 MPH
- All pipes included to convert from shredder to blower
- Rear zipper bag

A B C D E F G H I

SHRED 'N' VAC SPECIFICATIONS

Blower Model	Blower Type	Engine Disp. (cc)	Carb. (w/Purge Pump)	Starting System	Fuel Cap. (fl. oz.)	Avg. Air Volume (cfm-pipe)	Maximum Air Speed (mph-pipe)	Average Air Speed (mph-pipe)	dB(A)*	Dry Weight (lb)
ES-250	Hand-held	25.4	Rotary	Standard	16.9	391	165	137	70	10
ES-255	Hand-held	25.4	Rotary	i-30™	16.2	354	191	157	69	11.8

* per ANSI B175.2-2002

See the ECHO 2013 Accessories Catalog for Shred 'N' Vac Accessories



For more information on ECHO Shred 'N' Vac including specifications, attachments and accessories, scan this QR code with your smartphone's QR code app.



Perfect Edge™ For A Perfect Look!

ECHO Perfect Edge™ edgers give that perfect manicured look to commercial properties and residential home sites. Nothing finishes a yard like a crisp edge between a sidewalk and the turf. Lightweight and easy to maneuver, ECHO Edgers deliver superior power and durability with more torque for exceptional performance and are the first choice of lawn care professionals. All ECHO Edgers are backed by a 5-year consumer and 2-year commercial warranty.



ECHO Edger Features and Benefits

- | | |
|--|--|
| A Tool-less air filter cover for easy access | I Ergonomic, adjustable handle for a custom fit |
| B Professional-grade felt air filtration for long engine life | J Engine vibration-reduction system for operator comfort |
| C 2-stage air filter for improved filtration and long engine life | K Pro-Torque™ gear case for long-lasting durability |
| D i-30™ starting system for reduced effort starting | L Metal skid plate for reduced wear to debris shield |
| E Digital ignition system for easy starting | M Durable, molded shield for reduced material kickback |
| F Purge bulb for easy starting | N Clog-resistant, open-face metal shield for reduced clogging |
| G New cylinder/piston plating for increased engine life | O Sight line on shield for straighter cuts |
| H Ergonomic throttle handle with rubber grip for comfort | P Heavy-duty adjustable guide wheel with solid rubber tread |

PE-225

Great choice for residential and commercial properties.

- 21.2 cc professional-grade, 2-stroke engine
- Patented rubber debris flap
- 1.57:1 gear reduction ratio

**A B D E F
I L M P**

PE-230

A step-up in power and features over the PE-225.

- 22.8 cc professional-grade, 2-stroke engine
- Vibration-reduction system
- Larger clutch with aluminum housing

**A B E F H I J
K L N O P**

PE-266

Powerful performance, features, and results.

- 25.4 cc professional-grade, 2-stroke engine
- Vibration-reduction system
- i-30™ starting technology

**A C D E F G H I
J K L N O P**

PE-266S

Straight shaft reduces cable wear.

- 25.4 cc professional-grade, 2-stroke engine
- Vibration-reduction system
- i-30™ starting technology

**A C D E F G H I
J K L N O P**

PE-280

Top-of-the-line power and performance.

- 28.1 cc professional-grade, 2-stroke engine
- Vibration-reduction system
- Large fuel tank

**A C E F H I
J K L N O P**

EDGER SPECIFICATIONS

Model	Engine Disp.(cc)	Fuel Cap. (fl. oz.)	Starting System	Debris Shield	Blade Length (in)	Blade Thickness (in)	Dry Weight (lb)
PE-225	21.2	14.9	i-30™	High Impact Nylon	8	0.090	13.1
PE-230	22.8	19.1	Standard	Die-Cast Metal	8	0.090	14.5
PE-266	25.4	16.9	i-30™	Die-Cast Metal	8	0.090	15.4
PE-266S	25.4	16.9	i-30™	Die-Cast Metal	8	0.090	15.3
PE-280	28.1	21.1	Standard	Die-Cast Metal	8	0.090	15.4

See the ECHO 2013 Accessories Catalog for Edger Accessories



For more information on ECHO Edgers including specifications, attachments and accessories, scan this QR code with your smartphone's QR code app.



TRIMMERS



Performance!

What more can be said about the world's finest professional-grade trimmers? ECHO's easy-to-use custom ergonomic controls, lightweight design, and powerful 2-stroke engines provide the

tools to enhance productivity. Spend less time creating a lasting impression and more time enjoying it! All ECHO Trimmers are backed by a 5-year consumer and 2-year commercial warranty.

ECHO Trimmer Features and Benefits

- | | |
|---|--|
| A Tool-less air filter cover for easy access | I Lined clutch for smooth engagement and less slippage |
| B Commercial-grade felt air filtration for long engine life | J Ergonomic throttle handle with rubber grip for comfort |
| C 2-stage commercial-grade air filtration for long engine life | K Ergonomic, adjustable front handle for a custom fit |
| D i-30™ starting system for reduced effort starting | L Debris shield with integrated cut-off knife for optimal line length |
| E i-75™ starting system for reduced effort starting | M Engine vibration-reduction system for operator comfort |
| F Digital ignition system for easy starting | N Extra heavy-duty vibration-reduction system for operator comfort |
| G Purge bulb for easy starting | O Speed-Feed® cutting head for easy reloading |
| H New cylinder/piston plating for increased engine life | P High-capacity Speed-Feed® cutting head for larger line capacity |

GT-225

Lightweight curved shaft.

- 21.2 cc professional-grade, 2-stroke engine
- 48" curved shaft
- 2-line Rapid-Loader™ head

A B D F G I K L



GT-225i

The easiest starting curved shaft trimmer available.

- 21.2 cc professional-grade, 2-stroke engine
- 48" curved shaft
- 2-line Rapid-Loader™ head

A B E F G I K L

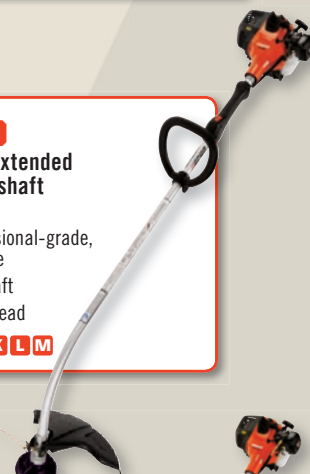


GT-230

Lightweight, extended reach curved shaft trimmer.

- 22.8 cc professional-grade, 2-stroke engine
- 52" curved shaft
- ECHOmatic™ head

A B F G I K L M



SRM-225

ECHO's best selling trimmer is also the most fuel efficient.

- 21.2 cc professional-grade, 2-stroke engine
- 59" straight shaft
- Speed-Feed® head

A B D F G I K L M O



SRM-225i

A Speed-Feed® head and i-75™ starting technology.

- 21.2 cc professional-grade, 2-stroke engine
- 59" straight shaft
- Speed-Feed® head

A B E F G I K L M O



SRM-230

Outstanding power, durability and performance.

- 22.8 cc professional-grade, 2-stroke engine
- 59" straight shaft
- Speed-Feed® head

A B F G I K L M O



For more information on ECHO Trimmers including specifications and accessories, scan this QR code with your smartphone's QR code app.



See page 15 for Trimmer Heads & Blades

TRIMMERS

ECHO
GET SERIOUS.

DIGITAL IGNITION SYSTEM

HANDLE WITH RUBBER GRIP

PRO-TORQUE™ GEAR CASE

SRM-266

Powerful performance and superior design.

- 25.4 cc professional-grade, 2-stroke engine
- 59" straight shaft
- High-capacity Speed-Feed® head

A C D F G H I J K L N P

SRM-266S

A solid steel drive shaft improves acceleration and reduces weight.

- 25.4 cc professional-grade, 2-stroke engine
- 59" straight shaft
- High-capacity Speed-Feed® head

A C D F G H I J K L N P

SRM-266T

Incredible power with 50% more torque.

- 25.4 cc professional-grade, 2-stroke engine
- 59" straight shaft
- High-capacity Speed-Feed® head

A C D F G H I J K L N P

SRM-280

A new class of performance.

- 28.1 cc professional-grade, 2-stroke engine
- 59" straight shaft
- High-capacity Speed-Feed® head

A C F G I J K L N P

SRM-280S

A solid steel drive shaft improves acceleration and reduces weight.

- 28.1 cc professional-grade, 2-stroke engine
- 59" straight shaft
- High-capacity Speed-Feed® head

A C F G I J K L N P

SRM-280T

ECHO's top choice with 50% more torque.

- 28.1 cc professional-grade, 2-stroke engine
- 59" straight shaft
- High-capacity Speed-Feed® head

A C F G I J K L N P

See page 15 for Trimmer Heads & Blades

TRIMMER SPECIFICATIONS

Model	Engine Disp. (cc)	Carburetor (w/ Purge Pump)	Fuel Capacity (fl. oz.)	Shaft Length (in)	Shaft Type	Starting System	Cutting Head	Cutting Swath (in)	Shield	Drive Shaft	Arbor (mm)	Nylon Line (in dia)	Dry Weight (lb)*	Dry Weight (lb)**
GT-225	21.2	Rotary	14.9	48	Curved	i-30™	Rapid-Loader™	16	Std. GT	4-Layer Cable	-	.080 Cross-Fire®	10.1	9.6
GT-225i	21.2	Rotary	14.9	48	Curved	i-75™	Rapid-Loader™	16	Std. GT	4-Layer Cable	-	.080 Cross-Fire®	10.6	10.1
GT-230	22.8	Rotary	19.1	52	Curved	Standard	ECHOmatic™	16	Std. GT	4-Layer Cable	-	.080 Cross-Fire®	11.5	10.5
SRM-225	21.2	Rotary	14.9	59	Straight	i-30™	Speed-Feed®	17	Std. SRM	4-Layer Cable	20	.095 Cross-Fire®	12	11.1
SRM-225i	21.2	Rotary	14.9	59	Straight	i-75™	Speed-Feed®	17	Std. SRM	4-Layer Cable	20	.095 Cross-Fire®	12.5	11.6
SRM-230	22.8	Rotary	19.1	59	Straight	Standard	Speed-Feed®	17	Std. SRM	4-Layer Cable	20	.095 Cross-Fire®	12.2	11.3
SRM-266	25.4	Rotary	16.9	59	Straight	i-30™	High-Cap. Speed-Feed®	17	Std. SRM	4-Layer Cable	20	.095 Cross-Fire®	13.4	12.5
SRM-266S	25.4	Rotary	16.9	59	Straight	i-30™	High-Cap. Speed-Feed®	17	Std. SRM	Solid Steel	20	.095 Cross-Fire®	13.1	12.2
SRM-266T	25.4	Rotary	16.9	59	Straight	i-30™	High-Cap. Speed-Feed®	17	Std. SRM	4-Layer Cable	20	.095 Cross-Fire®	13.6	12.8
SRM-280	28.1	Rotary	21.1	59	Straight	Standard	High-Cap. Speed-Feed®	17	Std. SRM	4-Layer Cable	20	.095 Cross-Fire®	13.4	12.5
SRM-280S	28.1	Rotary	21.1	59	Straight	Standard	High-Cap. Speed-Feed®	17	Std. SRM	Solid Steel	20	.095 Cross-Fire®	13.1	12.2
SRM-280T	28.1	Rotary	21.1	59	Straight	Standard	High-Cap. Speed-Feed®	17	Std. SRM	4-Layer Cable	20	.095 Cross-Fire®	13.5	12.8

*with cutting head **without cutting head

BRUSHCUTTERS

Power, Comfort and Stability!

Power, comfort and stability are all at your disposal with ECHO's innovative line of professional-grade brushcutters. Offered in four engine displacements, ECHO has the right brushcutter for your clearing applications including rough grass, thickets, shrubs or dense undergrowth. All ECHO Brushcutters are backed by a 5-year consumer and 2-year commercial warranty.



ECHO Brushcutter Features and Benefits

- | | |
|--|--|
| A Tool-less air filter cover for easy access | H Ergonomic U-handle with rubber grip for comfort and handling |
| B Commercial-grade felt air filtration for long engine life | I Debris shield with integrated cut-off knife for optimal line length |
| C 2-stage air filter for improved filtration and long engine life | J Engine vibration-reduction system for operator comfort |
| D i-30™ starting system for reduced effort starting | K Extra, heavy-duty vibration-reduction system for operator comfort |
| E Digital ignition system for easy starting | L Shoulder harness included for comfort and convenience |
| F Purge bulb for easy starting | M Metal shield included for blade use (blade not included) |
| G Lined clutch for smooth engagement and less slippage | N High-capacity Speed-Feed® cutting head for larger line capacity |

SRM-225U

Strong performance in a lightweight design.

- 21.2 cc professional-grade, 2-stroke engine
- 59" straight shaft
- Speed-Feed® head

A B D E F G
H I J L M



SRM-266U

Powerful performance and superior design.

- 25.4 cc professional-grade, 2-stroke engine
- 59" straight shaft
- High-capacity Speed-Feed® head

A C D E F G
H I K L M N



SRM-280U

A new class of performance.

- 28.1 cc professional-grade, 2-stroke engine
- 59" straight shaft
- High-capacity Speed-Feed® head

A C E F G H
I K L M N



SRM-410U

Top-of-the-line brushcutter with maximum power.

- 42.7 cc professional-grade, 2-stroke engine
- 60.2" straight shaft
- 10", 80-tooth brush blade

E F G H K L M



BRUSHCUTTER SPECIFICATIONS

Model	Engine Disp. (cc)	Carburetor (w/Purge Pump)	Fuel Capacity	Shaft Length (in)	Shaft Type	Starting System	Cutting Head	Cutting Swath (in)	Shield	Drive Shaft	Arbor Size (mm)	Nylon Line (in dia)	Dry Weight (lb)*	Dry Weight (lb)**
SRM-225U	21.2	Rotary	14.9	59	Straight	i-30™	Speed-Feed®	17	Std. SRM and Metal	4-Layer Cable	20	.095 Cross-Fire®	13.6	12.7
SRM-266U	25.4	Rotary	16.9	59	Straight	i-30™	High-Cap. Speed-Feed®	17	Std. SRM and Metal	4-Layer Cable	20	.095 Cross-Fire®	15	14.2
SRM-280U	28.1	Rotary	21.6	59	Straight	Standard	High-Cap. Speed-Feed®	17	Std. SRM and Metal	4-Layer Cable	20	.095 Cross-Fire®	15	14.2
SRM-410U	42.7	Rotary	33.8	60.2	Straight	Standard	10" Brush Blade	10	Metal	Steel	25	10" Brush Blade	-	18.3

* with cutting head **without cutting head

See the ECHO 2013 Accessories Catalog for Brushcutter Accessories



HEADS & BLADES



TRIMMER HEADS AND BLADES

Model	GT ECHOMATIC® Head	SRM ECHOMATIC® Head	Maxi-Cut II Weed Cutter GT-Series	Pro Maxi-Cut II Weed Cutter	SRM ECHOMATIC® Pro Head	SRM Fixed Head	Speed-Feed Head	High-Capacity Speed-Feed Head	High-Capacity U Turn™ Head	High-Capacity Manual Head	2-Line Rapid-Loader™ Head	3-Line Rapid-Loader™ Head	3 Cutter Metal Blade	10" Tri-Cut Plastic Blade SRM-series	8-Tooth Grass and Weed Blade	Brush Blade	8" 22-Tooth Saw Blade
GT-225	Standard																
GT-225i	Optional																
GT-230																	
SRM-225		Standard															
SRM-225i																	
SRM-230																	
SRM-266																	
SRM-266S																	
SRM-266T																	
SRM-280																	
SRM-280S																	
SRM-280T																	
Line Dia./Max dia.	.080"/.105"	.095"/.105"	-	-	.095"/.130"	.130"	.095"/.105"	.095"/.130"	.095"/.105"	.095"/.155"	.095"/.155"	.095"/.155"	20mm Arbor 25mm Arbor	25mm Arbor	20mm Arbor 25mm Arbor	20mm Arbor 25mm Arbor	20mm Arbor
Part #	99944200240	21560070	215311	215511	21560031	99944200220	99944200902	99944200903	99944200900	21560065	21560056	99944200221	99944200047 99944200048	99944200030	69600120331 69600121431	8"-69500120331 10"-69500121431	99944200130

Standard ▲ Optional ■ * U-handle kit or barrier bar is required for metal blade use. Blade conversion kit is required for metal blades and tri-cut blade.

BRUSHCUTTER HEADS AND BLADES

Model	SRM ECHOMATIC® Head	SRM ECHOMATIC® Pro™ Head	SRM Fixed Head	Speed-Feed Head	High-Capacity Speed-Feed Head	High-Capacity Manual Head	2-Line Rapid-Loader™ Head	3-Line Rapid-Loader™ Head	3 Cutter Metal Blade	10" Tri-Cut Plastic Blade	8-Tooth Grass/Weed Blade	8" Brush Blade	10" Brush Blade	8" 22-Tooth Blade
SRM-225U	Standard													
SRM-266U														
SRM-280U														
SRM-410U														
Line Dia./Max dia.	.095"/.130"	.095"/.130"	.130"	.095"/.105"	.095"/.130"	.095"/.105"	.095"/.155"	.095"/.155"	20mm Arbor 25mm Arbor	25mm Arbor	20mm Arbor 25mm Arbor	20mm Arbor	25mm Arbor	20mm Arbor
Part #	21560070	21560031	99944200220	99944200902	99944200903	21560065	21560056	99944200221	99944200047 99944200048	99944200030	69600120331 69600121431	69500120331	69500121431	99944200130

Standard ▲ Optional ■ * U-handle kit or barrier bar is required for metal blade use. Blade conversion kit is required for metal blades and tri-cut blade.

TRIMMER LINE

Type	Package Size	.065" Diam.	.080" Diam.	.095" Diam.	.105" Diam.	.130" Diam.	.155" Diam.*
Cross-Fire® Premium Trimmer Line	40 ft Loop 1/2 lb Donut 1 lb Donut 3 lb Spool 5 lb Spool	102152652 306065051 — — —	102152802 306080052 311080062 314080052 316080052	102152952 306095053 311095063 314095053 316095053	— 306105055 311105065 314105055 316105055	— 311130064 314130054 316130054	— 311155066 314155056 316155056
Professional-Grade Round Trimmer Line	40 ft Loop 1/2 lb Donut 1 lb Donut 3 lb Spool 5 lb Spool	— — — — —	102142802 305080052 310080062 313080052 315080052	102142952 305095053 310095063 313095053 315095053	— 305105055 310105065 313105055 315105055	— 305130054 310130064 313130054 315130054	— — — — —
Rapid-Loader™ Precut Line	10 Count, 8" L 20 Count, 8" L 50 Count, 8" L	— — —	102202953 102212131 102222156	102202952 102212952 102222952	102202105 102212105 102222105	102202130 102212130 102222130	102202155 102212155 102222155
Heavy-Duty Precut Fixed Line	10 Count, 21" L 20 Count, 21" L 50 Count, 21" L	— — —	— — —	— — —	— — —	— — —	102223155 102224155 102225155

* .155" diameter line is recommended for models with 25 cc or higher engines.



For more information on ECHO Trimmer Cutting Heads, scan this QR code with your smartphone's QR code app.

ONLY PROFESSIONAL GRADE

PRO ATTACHMENT SERIES™

A Tool for Every Need!

The ECHO Pro Attachment Series™ (PAS) lets you purchase the tools you need when you want them – it's your choice! It is the economical way to stock your tool shed or trailer. ECHO delivers a complete system that grows with your individual requirements. Four power sources work in conjunction with up to 16 commercial-grade attachments and one extension to offer complete flexibility and unbeatable ECHO performance. The PAS is yet another innovation in a long line of labor-saving, high-value tools from ECHO. All ECHO PAS Power Sources and attachments are backed by a 5-year consumer and 2-year commercial warranty.



ECHO PAS Power Source Features and Benefits

- A** Tool-less air filter cover for easy access
- B** Commercial-grade felt air filtration for long engine life
- C** 2-stage air filter for improved filtration and long engine life
- D** i-30™ starting system for reduced-effort starting
- E** Digital ignition system for easy starting
- F** Purge bulb for easy starting
- G** New cylinder/piston plating for increased engine life
- H** Ergonomic throttle handle with rubber grip for comfort and handling
- I** Ergonomic, adjustable handle for a custom fit
- J** Engine vibration-reduction system for operator comfort

Buy 2 Tools in One Box for Incredible Savings

PAS-225VPB

Trimmer and Blower Combo Kit

- 21.2 cc 2-stroke engine
- Single-source power head fits most PAS attachments
- Positive placement coupler ensures a secure and hassle-free accessory connection with easy change-out between attachments
- Trimmer attachment includes the Speed-Feed® head
- Blower attachment features 117 MPH air flow and 373 CFM*

*with PAS-280 Power Source



PAS-225

Ideal for residential applications.

- 21.2 cc professional-grade, 2-stroke engine
- Accepts up to 12 attachments*

A B D E F I J



PAS-230

A step-up in power from PAS-225.

- 22.8 cc professional-grade, 2-stroke engine
- Accepts up to 16 attachments*

A B E F H I J

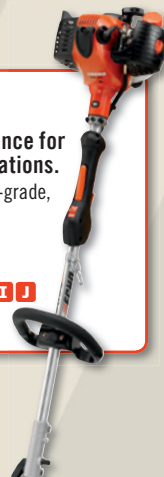


PAS-266

Powerful performance for commercial applications.

- 25.4 cc professional-grade, 2-stroke engine
- Accepts up to 16 attachments*

A C D E F G H I J

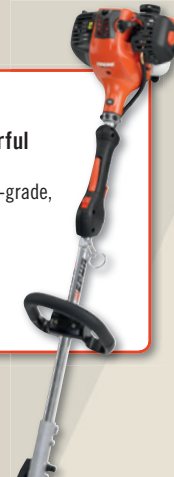


PAS-280

ECHO's most powerful power source.

- 28.1 cc professional-grade, 2-stroke engine
- Accepts up to 14 attachments*

A C E F H I J



PAS ATTACHMENTS

DIGITAL IGNITION SYSTEM

HANDLE WITH RUBBER GRIP

QUICK-CHANGE COUPLER

Curved Shaft Trimmer

- 16" cutting swath
- Rapid-Loader™ head
- Works with PAS-225, 230, and 266 power sources*
- Length: 33" Weight: 3.9 lbs
- Part #99944200615

PAS-225 PAS-230 PAS-266

Speed-Feed® Trimmer

- 17" cutting swath
- Speed-Feed head
- Works with PAS-225, 230, 266 and 280 power sources*
- Length: 34" Weight: 3 lbs
- Part #99944200540

PAS-225 PAS-230 PAS-266 PAS-280

Rapid-Loader™ Trimmer

- 17" cutting swath
- Rapid-Loader head
- Works with PAS-225, 230, 266 and 280 power sources*
- Length: 33" Weight: 3.1 lbs
- Part #99944200610

PAS-225 PAS-230 PAS-266 PAS-280

Pro-Torque Trimmer

- 50% more cutting torque than standard trimmer
- 17" cutting swath
- ECHOmatic™ head
- Works with PAS-225, 230, 266 and 280 power sources*
- Length: 34" Weight: 3.2 lbs
- Part #99944200545

PAS-225 PAS-230 PAS-266 PAS-280

Brushcutter

- 8", 80-tooth metal blade and metal shield
- Harness and barrier bar included
- Works with PAS-225, 230, 266 and 280 power sources*
- Length: 34" Weight: 3.3 lbs
- Part #99944200600

PAS-225 PAS-230 PAS-266 PAS-280

Blower

- Solid drive shaft and axial direct drive fan
- Up to 117 MPH and 373 CFM
- Works with PAS-225, 230, 266 and 280 power sources*
- Length: 25" Weight: 3.9 lbs
- Part #99944200490

PAS-225 PAS-230 PAS-266 PAS-280

Curved Shaft Edger

- 8" metal blade
- Clog-resistant metal shield
- Works with PAS-225, 230, 266 and 280 power sources*
- Length: 33" Weight: 5.6 lbs
- Part #99944200470

PAS-225 PAS-230 PAS-266 PAS-280

Straight Shaft Edger

- Straight shaft reduces cable wear
- 8" metal blade
- Clog-resistant metal shield
- Works with PAS-230, 266 and 280 power sources*
- Length: 33" Weight: 5.6 lbs
- Part #99944200475

PAS-230 PAS-266 PAS-280

Bed Redefiner

- Patented, replaceable six-finger claw
- Brazed, carbide tips
- Works exclusively with PAS-280 power source
- Length: 34.8" Weight: 8.5 lbs
- Part #99944200465

PAS-280

Power Pruner®

- 10" bar and chain
- Heavy-duty gear case
- Overall length: 8' with power source
- Works with PAS-225, 230, 266 and 280 power sources*
- Length: 57" Weight: 4.8 lbs
- Part #99944200532

PAS-225 PAS-230 PAS-266 PAS-280

Hedge Trimmer

- 20" double-sided, double-reciprocating blades
- Extra heavy-duty, professional-grade gear case
- Works with PAS-225, 230 and 266 power sources*
- Length: 50" Weight: 4.7 lbs
- Part #99944200485

PAS-225 PAS-230 PAS-266

180° Articulating Hedge Trimmer

- 18" double-sided, double-reciprocating blades
- Gear case allows operational blade set articulation of 180° in 15° increments
- Works with PAS-225, 230 and 266 power sources*
- Length: 40" Weight: 6.1 lbs
- Part #99944200595

PAS-225 PAS-230 PAS-266

Tiller/Cultivator

- 6.5" tilling swath
- Heavy-duty gear box with 42:1 gear reduction
- Works with PAS-225, 230, 266 and 280 power sources*
- Length: 35" Weight: 4.6 lbs
- Part #99944200513

PAS-225 PAS-230 PAS-266 PAS-280

Pro Paddle™

- 22.5" sweeping swath
- (10) 1.625" durable rubber fins
- Works with PAS-230, 266 and 280 power sources*
- Length: 36.5" Weight: 11.2 lbs
- Part #99944200620

PAS-230 PAS-266 PAS-280

Pro Sweep™

- Over 22" sweeping swath
- .028" dia. concave nylon bristles
- Works with PAS-230, 266 and 280 power sources*
- Length: 36" Weight: 11.2 lbs
- Part #99944200553

PAS-230 PAS-266 PAS-280

Pro Thatch™

- Over 22" dethatching swath
- Spring tines
- Includes "J"-handle
- Works with PAS-230, 266 and 280 power sources*
- Length: 37" Weight: 21 lbs
- Part #99944200563

PAS-230 PAS-266 PAS-280

3' Extension

- Tool-less coupler allows easy installation between power source and attachment.
- Works with Power Pruner®, Hedge Trimmer and Articulating Hedge Trimmer attachments only.
- Length: 36" Weight: 2.6 lbs
- Part #99944200535

PAS-225 PAS-230 PAS-266 PAS-280

PAS SPECIFICATIONS

PAS Model	Engine Disp. (cc)	Carb. (w/Purge Pump)	Fuel Cap. (fl. oz.)	Starting System	Length (in)	Dry Weight (lb)*
PAS-225	21.2	Rotary	14.9	i-30™	40	9.3
PAS-230	22.8	Rotary	19.6	Standard	40	8.7
PAS-266	25.4	Rotary	16.9	i-30™	40	10.8
PAS-280	28.1	Rotary	21.1	Standard	40	10.8

*without attachment

* Visit the ECHO website for other power source compatibility.

HEDGE TRIMMERS

A Cut Above the Rest!

For professionals who demand performance, ECHO Hedge Trimmers deliver. They're tough, reliable and loaded with features including a throttle lock-out to help prevent accidental blade engagement, commercial-grade gear cases and cutting blades for the heaviest applications, and vibration-reducing engine mounts and padded handles for operator comfort. Every hedge trimmer uses ECHO-exclusive, laser cut and precision ground RazorEdge™ blades. All ECHO Hedge Trimmers are backed by a 5-year consumer and 2-year commercial warranty.



ECHO Hedge Trimmer Features and Benefits

- A** Tool-less air filter cover for easy access
- B** Commercial-grade felt air filter for improved filtration
- C** 2-Stage air filter for improved filtration and long engine life
- D** Purge bulb for easy starting
- E** i-30™ starting system for easy starting
- F** RazorEdge™ laser-cut, double-reciprocating blades for long-lasting sharpness
- G** Blade design with three cutting edges for efficient clean cuts
- H** Grease-able gear case for easy maintenance and longer life
- I** Rigid support bars for straighter and more precise cuts
- J** Tip guard prevents blade contact with buildings, fences or the ground for operator safety
- K** Front hand safety guard for preventing accidental contact with blades
- L** 5-position rotating handle for a variety of cutting positions
- M** Vibration-reduction system isolates front and rear handles from engine and gearcase/blade vibration for operator comfort
- N** Front and rear handles with rubber grip for increased comfort and control



HC-152

High-performing 20" hedge trimmer.

- 21.2 cc professional-grade, 2-stroke engine
- 20" RazorEdge™ blades

A B D F G H I J K



HC-155

Improved features and 24" blade length.

- 21.2 cc professional-grade, 2-stroke engine
- 24" RazorEdge™ blades
- Re-designed ergonomic rear handle
- Improved gear box

A B D E F G H I J K



HC-165

Versatile rotating handle and 24" blade length.

- 21.2 cc professional-grade, 2-stroke engine
- 24" RazorEdge™ blades
- 5-position rotating handle
- Ergonomic handle with rubber grip

A B D E F G H I J K L M N



HC-185

Versatile rotating handle and 30" blade length.

- 21.2 cc professional-grade, 2-stroke engine
- 30" RazorEdge™ blades
- 5-position rotating handle
- Ergonomic handle with rubber grip

A B D E F G H I J K L M N



Deflector Shield
Part 99945100010

HC-235

Heavy-duty, single-sided performance and 30" blade length.

- 21.2 cc professional-grade, 2-stroke engine
- 30" RazorEdge™ blades
- Vibration-reduction system
- Commercial-duty air filtration

A B D E F G H I J K M



Deflector Shield
Part 99945100010

HC-245

Heavy-duty, single-sided performance and 40" blade length.

- 21.2 cc professional-grade, 2-stroke engine
- 40" RazorEdge™ blades
- Vibration-reduction system
- Commercial-duty air filtration

A B D E F G H I J K M N



For more information on ECHO Hedge Trimmers including specifications, attachments and accessories, scan this QR code with your smartphone's QR code app.



HEDGE TRIMMERS



RAZOR EDGE™ BLADES



i-30™ STARTING SYSTEM



ROTATING HANDLE



SHC-225

Comfortable, shafted design and 20" blade length.

- 21.2 cc professional-grade, 2-stroke engine
- 20" RazorEdge™ blades
- 33" shaft length
- Ergonomic handle with rubber grip

A B D E F G H I J K M



SHC-225S

Reduced length, shafted design and 20" blade length.

- 21.2 cc professional-grade, 2-stroke engine
- 20" RazorEdge™ blades
- 20" shaft length
- Ergonomic handle with rubber grip

A B D E F G H I J K M



SHC-266

Extra long-reach, increased power and 20" blade length.

- 25.4 cc professional-grade, 2-stroke engine
- 20" RazorEdge™ blades
- 51" shaft length
- 7° angled shaft to allow operation away from hedge

A B C D E F G H I J M N



HCA-266

A 59" shaft for long-reach cutting ability and 180° of operational articulation.

- 25.4 cc 2-stroke engine
- 20" double-sided, double-reciprocating RazorEdge™ blades
- Articulating gear case allows blade adjustment in 15° increments with a total range of 180°

A B C D E F G H I J K M N

HEDGE TRIMMER SPECIFICATIONS

Hedge Trimmer Model	Engine Disp.(cc)	Carb. (w/Purge Pump)	Starting System	Fuel Cap. (fl. oz.)	Blade Length (in)	Shaft Length (in)	Double-reciprocating Cutter Type	Dry Weight (lb)
HC-152	21.2	Rotary	Standard	15.6	20	N.A.	Double sided	11.7
HC-155	21.2	Rotary	i-30™	16.9	24	N.A.	Double sided	11.5
HC-165	21.2	Rotary	i-30™	16.9	24	N.A.	Double sided	12.3
HC-185	21.2	Rotary	i-30™	16.9	30	N.A.	Double sided	12.5
HC-235	21.2	Rotary	i-30™	16.9	30	N.A.	Single sided	12.8
HC-245	21.2	Rotary	i-30™	16.9	40	N.A.	Single sided	14
SHC-225S	21.2	Rotary	i-30™	14.9	20	20	Double sided	13.3
SHC-225	21.2	Rotary	i-30™	14.9	20	33	Double sided	13.7
SHC-266	25.4	Rotary	i-30™	16.9	20	51	Double sided	14.5
HCA-266	25.4	Rotary	i-30™	16.9	20	59	Double sided	15.3

BED REDEFINER

Keep Flower Bed Edges in Shape!

The BRD-280 Bed Redefiner is ECHO's latest revolutionary product. Flower and mulch bed edges erode over time and need to be redefined. The old way to redefine the edge was to use a shovel - tough, time-consuming work. With its powerful 28.1 cc engine, the BRD-280 cuts a crisp, beveled groove up to 7 TIMES FASTER than a shovel along the turf edge, leaving a professional, manicured finish. ECHO's Bed Redefiner is backed by a 5-year consumer and 2-year commercial warranty.



ECHO Bed Redefiner Features and Benefits

- A** Tool-less air filter cover for easy access
- B** 2-stage air filter for improved filtration and long engine life
- C** Digital ignition system for easy starting
- D** Purge bulb for easy starting
- E** Ergonomic throttle handle with rubber grip for comfort and handling
- F** Ergonomic adjustable front handle for a custom fit
- G** Engine vibration-reduction system for operator comfort
- H** Large, adjustable support wheel for consistent cutting depths
- I** Cast aluminum debris shield combined with high-impact nylon shield for reduced material kickback
- J** Patented six-finger steel blade with brazed carbide tips for durability and performance

FIX BED EDGES

7X FASTER
THAN A SHOVEL!

BED REDEFINING: ECHO vs. Shovel

BRD-280 = 1,920 ft. per hr.

Shovel = 250 ft. per hr.

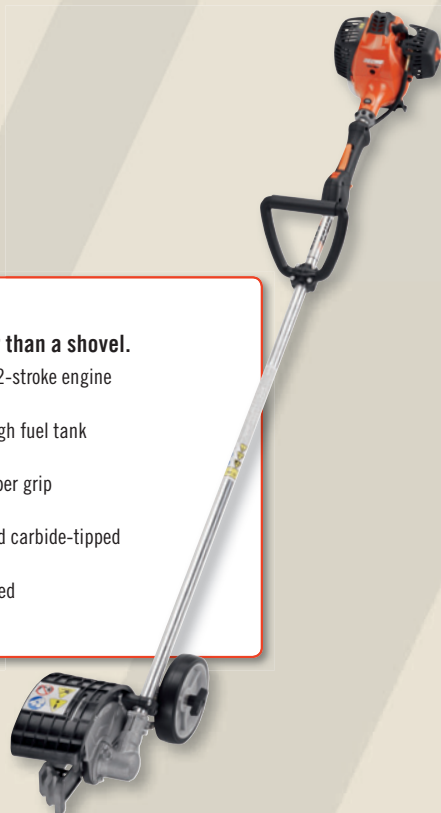


BRD-280

Fixes bed edges 7x faster than a shovel.

- 28.1 cc professional-grade, 2-stroke engine
- 59" straight shaft
- 21.1 fl oz capacity see-through fuel tank
- 2-stage air filtration
- Ergonomic handles with rubber grip
- High-impact nylon shield
- 7.75" x 2.5" patented, brazed carbide-tipped steel blade
- Standard edger blade included

A B C D E F G H I J



BED REDEFINER SPECIFICATIONS

Model	Engine Disp. (cc)	Fuel Cap. (fl. oz.)	Starting System	Debris Shield	Blade Length (in)	Blade Thickness (in)	Dry Weight (lb)
BRD-280	28.1	21.1	Standard	Die-Cast Metal/High-Impact Nylon	7.75	2.5	18.0

See the ECHO 2013 Accessories Catalog for Bed Redefiner Accessories



For more information on ECHO Bed Redefiner including specifications, attachments and accessories, scan this QR code with your smartphone's QR code app.



SPRAYERS



A Complete Line-up for Every Need!

ECHO Sprayers are available in handheld and backpack styles. The entire product line features lightweight tanks (2, 3 or 4-gallon capacity) with UV inhibitors marked in gallons and liters, ergonomic pump handles, and 30" wands that include three nozzles: brass adjustable, fixed fan and fixed cone. The backpack models feature either a piston (MS-40BP) or diaphragm (MS-40BD) pump with Viton™ seals, 4-stage filters and fold-away handles for easy storage. All ECHO Sprayers are backed by a 5-year consumer and 2-year commercial warranty.



ECHO Sprayer Features and Benefits

- A** Tank with UV inhibitors for long life
- B** Tank marked in both gallons and liters for convenience
- C** Ergonomic pump handle for comfortable operation
- D** Fold-away handle with left or right hand operation
- E** Piston-style pump for efficient operation
- F** Diaphragm-style pump for applying wettable powders
- G** 4-stage filtration for efficient application
- H** All critical seals Viton™ formulation for increased durability
- I** Pressure-relief valve for safe operation
- J** 30" wand with three nozzles for application versatility

SPRAYER CHEMICAL/SOLVENT CHART

Chemical/Solvent	MS-20H	MS-30H	MS-40BD	MS-40BP
Acetone	—	—	—	—
Asphalt	—	—	—	—
Benzene	•	•	•	•
Bleach Solutions*	•	•	•	•
Boric Acid	•	•	•	•
Denatured Alcohol	•	•	•	•
Diesel Fuel	•	•	•	•
Diozone	•	•	•	•
Dow® Chemical Path Finder	•	•	•	•
Enamel Paint	—	—	—	—
Ethyl Alcohol	•	•	•	•
Hydrochloric Acid	•	•	•	•
Isopropyl Alcohol	•	•	•	•
Kerosene	•	•	•	•
Laquer Solvents	—	—	—	—
Latex Paint	—	—	—	—
Methyl Ethyl Ketone	—	—	—	—
Naptha	•	•	•	•
Ridomill®	•	•	•	•
Round Up®	•	•	•	•
Sulfuric Acid	•	•	•	•
Toluene	—	—	—	—
Wettable Powders	•	•	•	•
Xylene	•	•	•	•

* Up To 5% Concentration



MS-20H

Convenient, lightweight handheld sprayer.

- 2.0 gallon capacity
- 45 PSI

ABCEHIJ



MS-30H

Larger capacity, handheld sprayer.

- 3.0 gallon capacity
- 45 PSI

ABCEHIJ



MS-40BD

Backpack sprayer with diaphragm-style pump.

- 4.0 gallon capacity
- 90 PSI

ABCFGHIJ



MS-40BP

Backpack sprayer with piston-style pump.

- 4.0 gallon capacity
- 90 PSI

ABDEGHIJ

MANUAL SPRAYER SPECIFICATIONS

Model	Type	Capacity (gal)	Max. Pressure Rating (psi)	Weight (lbs.)
MS-20H	Handheld	2	45	5.6
MS-30H	Handheld	3	45	6.9
MS-40BD	Backpack	4	90	10.6
MS-40BP	Backpack	4	90	10.5



For more information on ECHO Sprayers including specifications, attachments and accessories, scan this QR code with your smartphone's QR code app.

See the ECHO 2013 Accessories Catalog for Sprayer Accessories

ONLY PROFESSIONAL GRADE

ADDITIONAL PRODUCTS

EARTH / ICE AUGER

EA-410

Powerful 42.7 cc engine makes the earth/ice auger a must for any digging operation.

- Designed for a wide variety of auger diameters
- Available auger lengths: 34" (881 mm) or 36" (925 mm)
- 30.2:1 gear ratio for fast cutting speeds
- Heavy-duty handle and frame assembly reduces vibration for greater operator comfort and allows for two-person operation
- Drills through snow and ice quickly and cleanly for year-round use
- 8" and 10" ice augers available



EARTH/ICE AUGER SPECIFICATIONS

Model	Engine Disp. (cc)	Carburetor	Maximum Torque at Engine [‡]	Maximum Torque at Auger [‡]	Fuel Cap. (fl. oz.)	RPM [‡]	Dry Wt [§] (lb)
EA-410	42.7	Diaphragm w/Purge Pump	1.62 ft/lb (2.2 Nm)	48.97 ft/lb (66.4 Nm)	33.8	10,500	21.6

[‡] At maximum engine power. [§] Without auger.

See the ECHO 2013 Accessories Catalog for Auger Accessories

TILLER/CULTIVATOR

TC-210

Tremendous performance from a compact package.

- 21.2 cc professional-grade, 2-stroke engine
- Water-resistant stop switch and throttle control located at operator's fingertips
- Kickstand for easy storage
- Worm gear-type transmission (42:1 reduction) provides high tine rpm and high torque
- Four, 10-tooth reversible, hardened-steel tines feature a lifetime warranty and provide smooth tilling action for up to 9" wide furrows



TILLER/CULTIVATOR SPECIFICATIONS

Model	Engine Disp. (cc)	Carburetor	Fuel Cap. (fl. oz.)	Dry Wt (lb)
TC-210	21.2	Diaphragm w/Purge Pump	14.9	21.6

See the ECHO 2013 Accessories Catalog for Tiller Accessories

ENGINE DRILLS

EDR-210

Cordless convenience in a heavy-duty drill.

- 21.2 cc professional-grade, 2-stroke engine
- Heavy-duty gear reduction converts engine power into tough drilling torque
- All-position diaphragm with purge pump carburetor allows operation at any angle
- Heavy-duty keyed chuck holds up to 1/2" drill shank
- Pro-Fire[®] electronic ignition for quick easy starts
- Throttle lock-out prevents accidental drill bit rotation
- Reversible function



ENGINE DRILL SPECIFICATIONS

Model	Engine Disp. (cc)	Gear Reduction Ratio	RPM	Torque (ft. lb.)	Chuck Diam.	Fuel Cap. (fl. oz.)	Dry Wt (lb)
EDR-210	21.2	17:1:1	0-450 forward/reverse	11	1/2" standard	14.9	10
EDR-260	25.4	17:1:1	0-650 forward/reverse	12	1/2" standard	14	10.7

See the ECHO 2013 Accessories Catalog for Engine Drill Accessories

EDR-260

- 25.4 cc professional-grade, 2-stroke engine

WATER PUMP

WP-1000

Ideal for general purpose pumping, draining, filling, and lawn and garden irrigation.

- 21.2 cc professional-grade, 2-stroke engine
- Discharges up to 28 gal. per min and 1,680 gal. per hr
- Cast iron volute for added durability
- Comes complete with intake hose and filter
- Total suction head of 24.6'
- Total discharge head up to 70.4'



WATER PUMP SPECIFICATIONS

Model	Engine Disp. (cc)	Max Delivery	Total Suction Head	Total Head	Inlet/Outlet Size	Fuel Cap. (fl. oz.)	Dry Wt (lb)
WP-1000	21.2	28 gal/min	24.6 ft.	95 ft.	1"	14	12.3

See the ECHO 2013 Accessories Catalog for Water Pump Accessories



OIL & LUBRICANT



POWER BLEND[®] XTENDED LIFE[™] OIL

PowerBlend[®] XTended Life[™] is an all synthetic blend fuel mix oil and is certified for use in all air-cooled, 2-stroke, outdoor power equipment engines. It meets and exceeds ISO-L-EGD and JASO M345/FD requirements and has superior cleaning capabilities while minimizing exhaust port blockage. It also protects against rust, wear, and corrosion and provides low smoke emissions.



2.6 fl oz
PowerBlend[®]
XTended Life[™] Oil
1 gallon mix
Part# 6450001



5.2 fl oz
PowerBlend[®]
XTended Life[™] Oil
2 gallon mix
Part# 6450002



6.4 fl oz
PowerBlend[®]
XTended Life[™] Oil
2.5 gallon mix
Part# 6450025



16 fl oz
PowerBlend[®]
XTended Life[™] Oil
6 gallon mix
Part# 6450006



1 gal. PowerBlend[®]
XTended Life[™] Oil
50 gallon mix
Part# 6450050



5 gal. PowerBlend[®]
XTended Life[™] Oil
250 gallon mix
Part# 6450250



55 gal. Drum
PowerBlend[®]
XTended Life[™] Oil
2,750 gallon mix
Part# 22410110610
Oil measuring cup
4 fl oz capacity
Part# 6450009



ECHO Red Armor Oil begins removing performance-robbing carbon deposits with the first use. Red Armor engine oil incorporates powerful detergents that quickly remove existing carbon deposits, without sacrificing lubrication or film strength, and protects against future buildups. It also features a fuel stabilizer that allows keeping fuel in your equipment for two years! This powerful new oil is recommended for use in all air-cooled 2-stroke and 2/4-stroke (hybrid) engines. The oil is JASO FD and ISO L-EGD rated.



2.6 fl oz
Red Armor[®] Oil
1 gallon mix
Part# 6550001



6.4 fl oz
Red Armor[®] Oil
2.5 gallon mix
Part# 6550025



13 fl oz
Red Armor[®] Oil
5 gallon mix
Part# 6550005



1 gal.
Red Armor[®] Oil
50 gallon mix
Part# 6550050



5 gal.
Red Armor[®] Oil
250 gallon mix
Part# 6550250

Bar and Chain Oil

A special blend of lubricants and detergents that maximizes lubricity, reduces heat caused from bar and chain friction, minimizes resin build-up and facilitates chip and dust removal.



1 quart
Part# 6459012



1 gallon
Part# 6459006

POWER BLEND[®] XTENDED PROTECTION[™] LUBRICANT

ECHO XTended Protection[™] Lubricant

ECHO Lubricant is a multi-function, lithium-based grease that provides long lasting protection in all ECHO gear cases and cables. It is virtually impervious to water washout and will not combine with water.



8 oz. Tube
Part# 91014



14 oz. cartridge
Part# 91015



Grease gun (for 8 oz. tube)
Part# 91016



GET SERIOUS.

ECHO Incorporated • 400 Oakwood Road, Lake Zurich, IL 60047-1564

**For customer service or for your nearest ECHO dealer call toll free 1-800-432-3246.
In Canada, call toll-free 1-800-700-1358.**

Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.

© 2013 ECHO Incorporated, a subsidiary of Yamabiko Corporation. All Rights Reserved.
Printed in the U.S.A. #MKT1300001