# CARLTON STUMP CUTTERS

**HEAVY DUTY** 

THE PROFESSIONAL'S CHOICE





WALK-BEHIND

SELF-PROPELLED

TOW-BEHIND

TRACK-MOUNTED



The Carlton Company was established in 1952. From the very beginning Carlton has been committed to supplying the highest quality, most advanced machines available. Every machine offered represents this commitment. Today's Carlton machines feature everything from the most efficient drive system (Gates PolyChain® GT) to the highest quality paint available (Dupont Imron®).





Carlton products incorporate the most advanced and innovative features available anywhere. Carlton is the only stump cutter manufacturer to use self-purging tapered roller bearings on the cutter wheel and jack shafts in all models. These self-purging tapered roller bearings provide high capacity, long service life along with the ability to purge old grease without damaging the seals. Counterbalance valves in the hydraulic circuits ensure that cutter heads will not free fall and that the swing speed is the same in both directions, even on a grade. Captured pins on hydraulic cylinders along with hardened knock-in bushings help prevent wear. Even the cutter wheels are painstakingly ground flat to reduce vibration during operation. Flux-core weldments are used on the stress points for extra strength. These are just a few of the examples of how Carlton provides its customers with machines that minimize downtime and maximizes profits.



The Carlton Company manufactures a full line of stump cutters from 27-horsepower self-propelled units up to the 250-horsepower Hurricane. Carlton manufactures two hydraulically controlled self-propelled units—the highly maneuverable SP4012 and the high horsepower SP7015. The SP7015 combines the power of a tow-behind with the maneuverability of a portable. Carlton manufactures a complete line of track-mounted stump cutters. These machines are the most versatile machines built today. Every machine in our line is manufactured with the same commitment to quality components and craftsmanship.

### 900H Series

### 13 HP HONDA ENGINE

#### WALK-BEHIND



Lightweight and easy to maneuver from stump to stump.

The 900 Series is the best choice when maximum portability and minimal initial investment are considerations. Design objectives for the 900 were ease of operation and low maintenance resulting in a machine that is both easy to use and very reliable.

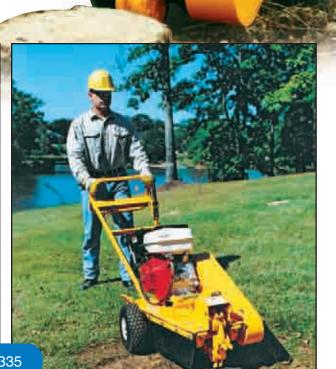
The 900 Series utilizes industry standard cutter teeth, which makes replacement simple and very cost effective. Its small size coupled with its commercial grade construction and strong performance make the Carlton 900 a perfect choice for rental companies and top professionals alike.

Hand Operated Disc Brake provides maximum holding power while grinding.





Engine options	13 HP Honda
Cutter depth below ground	
Cutter height above ground	
Number of teeth on cutter wheel	12
Cutter wheel diameter with teeth	12 1/4"
Cutter wheel thickness	1/2" Blanchard ground
Cutter wheel bearings	1 1/4"
Fuel tank capacity	1.59 gallons
Tire size	4.10-3.50
Machine width	24"
Machine height	44"
Machine length	77"
Total weight	220 lbs.



The SP2000 provides impressive cutting power and the ability to operate in tight working conditions. The unit combines the convenience of a self-propelled transmission with a 27-horsepower engine in an extremely narrow package width.

cutting ability. The self-propelled transmission allows for both quick and powerful transport to the work area. The transmission provides infinitely variable hydrostatic speed control in both forward and reverse. The model SP2000 provides an excellent solution for hard to get to stumps.

The SP2000 is easy to use and provides operators powerful

### SP2000 Series

**27 HP KOHLER COMMAND** 

WALK-BEHIND



**Hydrostatic Transmission allows infinitely** variable ground speed control.

**Height Adjustable Control Handle** along with finger tip control help to

**Limited Slip Drive System** senses when you need to turn. Does not sacrifice climbing power.

maximize operator efficiency.







F 1 0	07.110.17.11.0
	27 HP Kohler Command
Cutter depth below ground	24"
Cutter height above ground	27"
Number of teeth on cutter wh	neel16
Cutter wheel diameter with te	eeth19"
Cutter wheel thickness	1/2" Blanchard ground
Cutter wheel bearings	1 7/16" Tapered Roller
Fuel tank capacity	5 gallons
Tire size	6-12
Machine width	32"
Machine height	46"
Machine length	93"
Total weight	695 lbs.
Paint	Dupont Imron with Epoxy Primer

### SP4012 Series

27 HP KOHLER COMMAND GAS
35 HP BRIGGS-VANGUARD GAS
28.7 HP LOMBARDINI DIESEL

**SELF-PROPELLED** 



Optional Dual Wheels are easily removed. One bolt and you are through the back gate.

The SP4012 series is a four-wheeled self-propelled unit designed to deliver maximum cutting power in hard to get to areas. A unique dual speed ground system allows the SP4012 to travel faster than any other stump cutter on the market today. The unit also boasts a 1-inch thick, 21-inch diameter cutting wheel, letting you grind faster and smoother than ever before. The SP4012 features heavy-duty construction (1,550 pounds), hydraulic steering and four-wheel stance. This combination offers unmatched stability and maneuverability.

This compact machine has a width of 35 inches, allowing it to fit easily through standard backyard gates. The SP4012 incorporates many of the features found in larger Carlton models including a direct drive hydraulic pump, hardened bushings and shafts, counter balance valves on the lift, swing and hydraulic drive circuits.

The SP4012 series is available with a variety of engine options including: a 27-horsepower Kohler Engine, 35-horsepower Vanguard, or the 29-horsepower Lombardini Diesel Engine. With its wide range of features and dependable construction, the SP4012 is designed to maximize production and profits, while minimizing downtime.



Engine options2	
	35 HP Briggs-Vanguard Gas
0 11 1 11 1	28.7 Lombardini Diesel
Cutter depth below ground	
Cutter height above ground	
Cutter head swing	
Tongue extension	
Number of teeth on cutter wheel	
Cutter wheel diameter with teeth	21"
Cutter wheel thickness	•
Jack shaft bearings	
1 11/16" w/ Brig	ggs-Vanguard or Lombardini
Cutter wheel bearings	1 7/16" w/ Kohler
1 11/16" w/ Brig	ggs-Vanguard or Lombardini
Chip containment volume	16 cu. ft.
Fuel tank capacity	10.3 gallons
Hydraulic tank capacity	3.6 gallons
Tire size	8 ply 5.70-4
Machine width	35"
Machine height	46"
Machine length	8' 6"
Total weight	1550 w/ Kohler
1650 w/ Brig	ggs-Vanguard or Lombardini
PaintDup	ont Imron with epoxy Primer





Hydraulic Steering allows precise control and operation while minimizing operator fatigue.



A 30-inch tongue cylinder gives the operator a more controlled progression into the stump when precision is a must like when cutting against a chain link fence or sidewalk.



Dual Speed Ground Drive System makes the SP4012 the fastest Self-Propelled machine available!



# SP7015 Series

48 HP DEUTZ DIESEL
60 HP TURBO CHARGED DEUTZ DIESEL

SELF-PROPELLED



Climb Pro Tires along with limited slip Dana Axle make the SP7015 extremely turf friendly.





The SP7015's 26<sup>1</sup>/2-inch cutter wheel makes quick work of even the toughest stumps.



SP7015 brings high horsepower into tight places.



Wired and Wireless Remote Control: Remote option keeps the operator out of the dust, debris and noise.

The SP7015 is the most powerful and versatile self-propelled portable grinder made; combining the convenience of a narrow 35-inch backyard machine with the high horsepower of a tow-behind unit to create an extremely productive stump cutter.

The SP7015 offers a huge 70-inch cutting arc while extending below ground 15-inches and above-ground height to an amazing 43-inches. Carlton's exclusive patented turntable

design keeps the weight low on the frame and the engine level during operation. This design also allows the use of a torque magnifying two-stage cutter wheel drive system. Carlton Model SP7015 is available with engine options of a 48-horsepower Deutz diesel or a 60-horsepower turbo charged Deutz diesel. The Carlton SP7015 is the perfect machine for a high volume contractor with tough to get to stumps.





Engine options	48 HP Deutz
	60 HP Turbo Charged Deutz
Cutter depth below ground	15"
Cutter height above ground	43"
Cutter head swing	
Number of teeth on cutter wheel	
Chip containment volume	
Cutter wheel diameter with teeth	
Cutter wheel thickness	· ·
Jack shaft bearings	· · · · · · · · · · · · · · · · · · ·
Cutter wheel bearings	
Fuel tank capacity	
Hydraulic capacity	
Tire size	
Machine width35" w/ou	
Machine height	
Machine length	
Total weight	
PaintDup	
1 allicDup	ont innon with Epoxy Finner

# SP7015TRX Series

**60 HP** TURBO CHARGED DEUTZ DIESEL

TRACK-MOUNTED



Clean Design Undercarriage allows for ample chip capacity while providing ground clearance needed when on rough terrain.





Four Speed Ground Drive System provides variable travel speeds up to 3.5 MPH!



Narrow 35-inch stance allows the SP7015 TRX to get into tight spaces.



Wireless Remote Control keeps the operator out of the dust, debris and noise.

The SP7015 TRX is truly a go anywhere do everything machine.

The SP7015 TRX 60-horsepower track machine features a wireless remote control, 4 speed ground drive system, traction control, and telescoping tracks.

The unit's track system hydraulically retracts from 48-inches to 35-inches so the operator can maneuver easily through

tight situations like a back yard gate. The SP7015 TRX packs big cutting power in a compact unit and produces only 3.2 psi. ground pressure.

The four speed track system allows the operator to choose between high speed travel modes and high torque cutting modes at the flip of a switch. The TRX Series from Carlton are redefining versatility.





Engine options	60 HD Doutz Turbo Chargod
Cutter depth below ground	
Cutter height above ground	
Cutter head swing	
Number of teeth on cutter wheel	
Chip containment volume	
Cutter wheel diameter with teeth	
Cutter wheel thickness	
Jack shaft bearings 1 11/16" F	
Cutter wheel bearings	
Fuel tank capacity	
Hydraulic capacity	
Track dimension	
Ground pressure	
Machine width	35" Track Width Retracted
	48" Track Width Extended
Machine height	57"
Machine length	10' 6"
Total weight	4300 lbs.
PaintDup	ont Imron with Epoxy Primer

# SP8018TRX Series

**78 HP** TURBO CHARGED DEUTZ DIESEL

TRACK-MOUNTED



The SP8018 TRX can cut large stumps without the need to reposition.





Patented Turntable Design provides a low center of gravity and allows for a giant 70-inch swing travel.



Four Speed Ground Drive System provides variable travel speeds up to 3.5 MPH!



Hydraulic Push Blade makes quick work out of clean up.

The SP8018 TRX provides 78-horsepower and features a wireless remote control, four speed ground drive capabilities, and traction control. With cutting dimensions of 43-inches above ground, 18-inches below ground, and an 80-inch sweep, this machine is unmatched in power and performance.

Carlton's exclusive turntable design provides an extremely low center of gravity and keeps the engine level during operation. This design is necessary for maneuvering in areas that are hilly and filled with debris. The machine is ideally suited for stump grinding professionals that take the, "go anywhere, do anything" approach.





	70.110.7 1 01 1.0
	18"
Cutter height above ground.	43"
Cutter head swing	80" arc
Number of teeth on cutter w	heel32
Chip containment volume	50 cu. Ft.
	eeth26.5"
Cutter wheel thickness	1"
Jack shaft bearings	2 3/16" Tapered Roller
Cutter wheel bearings	2 3/16" Tapered Roller
Fuel tank capacity	9.6 gallons
Hydraulic capacity	9 gallons
	9 1/2" X 75" Long
Ground pressure	3.8 psi
	50"
	54"
	11 Ft.
	5420 lbs.
	. Dupont Imron with Epoxy Primer

### **Hurricane RS** Series

140 HP TURBO CHARGED JOHN DEERE DIESEL

TRACK-MOUNTED

140-Horsepower Turbo Charged John Deere Diesel Engine provides maximum cutting power.



The hydraulically controlled blade on the Hurricane RS allows the operator to backfill the stump hole quickly and easily. The track system provides plenty of power to push even the largest piles!

flywheel momentum.



Caterpillar Track Undercarriage provides a proven durable platform. **Tapered Roller Bearings** in jack shaft and cutter wheel provide long service life and reduced maintenance.









Caterpillar Rubber Track Undercarriage provides optimal traction in all situations.



High Horsepower John Deere Diesels coupled with Carlton's patented drive system allows the operator to take a 6-inch bite in every pass.



Carlton manufactures 3 track models which work in a combination of residential and clearing applications, the compact SP8018 TRX, the highly versatile Hurricane RS, and the awesome Hurricane TRX.

Carlton's Hurricane RS inherits many of the performance features of the larger TRX with an emphasis on Residential Service. The Hurricane RS is shorter, narrow, lower, and lighter than the land clearing TRX yet rivals it in production.

The Hurricane RS shares Carlton's patented turret bearing design with the Hurricane TRX giving it 360-degree continuous rotation and massive cutting dimensions. The Hurricane RS is capable of cutting a full 18-foot width, 53 inches high and over 2 feet deep.

A Caterpillar track system is utilized on the Hurricane RS. This proven Caterpillar track undercarriage minimizes ground pressure and provides plenty of both climbing power and speed with its two-speed design. The rubber tracks used on the Hurricane RS are designed to help minimize turf damage.

The proportional wireless remote control, included as standard on every Hurricane RS, gives the operator precise control from up to 1,500 feet. This powerful remote allows the operator to control the machine from auxiliary equipment. This remote features feather touch controls that allow the operator to control the speed of every function right from his fingertips. This remote minimizes operator fatigue, maximizing operator efficiency over a long day.

The Carlton Hurricane RS delivers high production capacity in a Residential Service machine.





Engine options140 Horsepower Turbo Charged John Deere Diesel
Cutting depth below ground25"
Cutting height above ground53"
Cutter head swing 18 feet diameter continuous rotation
Number of teeth on cutterwheel48
Cutter wheel diameter w/teeth
Cutter wheel thickness 1 1/2" Blanchard ground
Jack shaft bearings2 7/16" Tapered Roller
Cutter wheel bearings2 15/16" Tapered Roller
Head lift bearings
Fuel tank capacity36 gallons
Hydraulic tank capacity31 gallons
Track width12"
Track length81"
Ground pressure4.4 psi
Machine width65"
Machine height83"
Overall length
Total weight8500 lbs.
Paint

### **HurricaneTRX** Series

140 HP TURBO CHARGED JOHN DEERE DIESEL
175 HP TURBO CHARGED JOHN DEERE DIESEL
250 HP TURBO CHARGED JOHN DEERE DIESEL

#### TRACK-MOUNTED

The Hurricane TRX is a versatile high volume stump cutter. This innovative unique machine gives you an unmatched combination of cutting power, maneuverability, and productivity. Many unique proprietary design features make it the perfect choice for high volume residential and light clearing applications.

The proven Caterpillar track undercarriage used on the Hurricane TRX provides maximum traction in all situations. This track drive system has two gears, low gear for maximum climbing power, and high gear for rapid ground travel when needed. The Hurricane TRX will get you to the stumps!





Caterpillar Rubber Track Undercarriage provides optimal traction in all situations.

The rubber tracks used on the Hurricane TRX are at home on both clearing sites and turf. The long and wide footprint of the Caterpillar tracks minimizes ground pressure. This allows the machine to float across soft ground, getting you to stumps that would otherwise be inaccessible. Another advantage of the rubber track system is the minimal damage done to asphalt or concrete. The rubber tracks truly do minimize damage to any surface!

The proportional wireless remote control, included as standard on every Hurricane TRX, gives the operator precise control from up to 1,500 feet. This powerful remote allows the operator to control the machine from auxiliary equipment. This remote features feather touch controls which allow the operator to control the speed of every function right from his fingertips. This remote minimizes operator fatigue, maximizing operator efficiency over a long day. The Carlton Hurricane TRX delivers high production capacity in an extremely versatile package.

Engine options140 to 250 Horsepower Turbo Charg	
Cutting depth below ground	
Cutting height above ground	
Cutter head swing19 Ft. diameter continuous rotat	
Number of teeth on cutter wheel	
Cutter wheel diameter w/teeth	
Cutter wheel thickness	
Jack shaft bearings	
Cutter wheel bearings2 15/16" Tapered Ro	
Head lift bearings	
Fuel tank capacity	
Hydraulic tank capacity	
Track width	
Track length	
Ground pressure4	
Machine width	
Machine height	33"
Overall length18	
Total weight12500 I	bs.
Paint Dupont Imron with Epoxy Prir	ner





Hydraulic Scrape Blade aids in quick clean up.



Proportional Wireless Remote Control allows operation from auxiliary equipment such as a Bobcat or pickup truck at a distance of more than 1,500 feet.



Up to 250-horsepower is available to meet customers productivity needs and stay within budget.



### 3500D Series

48 HP DEUTZ DIESEL
60 HP TURBO CHARGED DEUTZ DIESEL

#### TOW-BEHIND



Optional Wired Remote distances the operator from dust, noise and flying debris.

Carlton 3500D is a popular choice for power, size, price and convenience. Model 3500D is compact enough to be towed by small trucks and SUVs yet powerful enough to tackle large jobs.

The 3500D is available with either a 48- or 60-horsepower diesel engine providing plenty of power for the serious professional.

The 3500D, with its economical price, solid construction and powerful diesel options, is an unmatched value.



**Torsion Flex** 

Suspension





Four Feet of tongue extension.



Engine options	48 HP Deutz
9 1	60 HP Turbo Charged Deutz
Cutter depth below ground	
Cutter height above ground	
Cutter head swing	
Tongue cylinder	
Number of teeth on cutter wheel	
Chip containment volume	38 cu. Ft.
Cutter wheel diameter with teeth	126 1/2"
Cutter wheel thickness	1"
Jack shaft bearings	1 11/16"
Cutter wheel bearings	2"
Fuel tank capacity	
Hydraulic tank capacity	
Tire size	Good Year 205/75-R14
Machine width	60"
Machine height	70"
Machine length	11' 6"
Total weight	2900 lbs.
PaintDu	upont Imron with Epoxy primer



### SP7500 Series

**78 HP** TURBO CHARGED DEUTZ DIESEL

TOW-BEHIND

The Model 7500 utilizes a Deutz four-cylinder turbo charged diesel engine to give the commercial user the power he needs. This model features a massive 31-inch cutter wheel which is 11/2-inches thick, holds 48 teeth and is Blanchard ground for smoothness. The cutter wheel combined with the turbo charged diesel power give Carlton Model 7500 unmatched performance. Carlton's solid construction and use of the finest components give the 7500 unmatched quality.

and powerful.

**Deutz Diesel Engine** provides enormous cutting power. German engineered and built Deutz engines are known worldwide for their durability and fuel economy.



**Optional Remote Control** 

**Five Feet of Tongue Extension** allows the 7500 to cut the largest stumps without repositioning.

> **Torsion Flex Suspension** makes all Carlton tow-behind units ride smoothly.







	B HP Turbo Charged Deutz Engine 24"
	46"
	92" arc
	60"
Number of teeth on cutter wh	eel48
Chip containment volume	81 cu. Ft.
Cutter wheel diameter with te	eth31"
Cutter wheel thickness	1 1/2"
Jack shaft bearings	2 7/16"
Cutter wheel bearings	2 7/16"
Fuel tank capacity	25 gallons
Hydraulic tank capacity	4 gallons
Tire size	Good Year 235/75-R16
Machine width	80"
Machine height	75"
	13' 3"
Total weight	4400 lbs.
	Dupont Imron with Epoxy Primer

CARLTON MODEL LINE - UP												
Model	Туре	Engine	НР	Fuel	Cutting Depth	Cutting Height	Cut Swing	No. Teeth	Wheel Dia.	Wheel Thickness	Tongue Extension	Weight (lbs.)
900H	Walk- Behind	Honda	13	Gas	9"	21"	N/A	12	12.25"	.5"	N/A	220
SP2000	Walk- Behind	Kohler	27	Gas	24"	27"	N/A	16	19"	.5"	N/A	695
	Self- Propelled	Kohler	27	Gas	13"	34"	40" arc	20	21"	1"	30"	1,550
SP4012	Self- Propelled	Briggs- Vanguard	35	Gas	13"	34"	40" arc	20	21"	1"	30"	1,650
	Self- Propelled	Lombardini	28.7	Diesel	13"	34"	40" arc	20	21"	1"	30"	1,650
SP7015	Self- Propelled	Deutz	48	Diesel	15"	43"	70" arc	32	26.5"	1"	N/A	3,500
3F7015	Self- Propelled	Deutz Turbo	60	Diesel	15"	43"	70" arc	32	26.5"	1"	N/A	3,500
SP7015TRX	Track- Mounted	Deutz Turbo	60	Diesel	15"	43"	70" arc	32	26.5"	1"	N/A	4,300
SP8018TRX	Track- Mounted	Deutz Turbo	78	Diesel	18"	43"	80" arc	32	26.5"	1"	N/A	5,420
HURRICANE RS	Track- Mounted	John Deere Turbo	140	Diesel	25"	53"	360°	48	31"	1.5"	N/A	8,500
	Track- Mounted	John Deere Turbo	140	Diesel	25"	72"	360°	64	36"	1.5"	N/A	12,000
HURRICANE TRX	Track- Mounted	John Deere Turbo	175	Diesel	25"	72"	360°	64	36"	1.5"	N/A	12,000
	Track- Mounted	John Deere Turbo	250	Diesel	25"	72"	360°	64	36"	1.5"	N/A	12,000
3500D	Tow- Behind	Deutz	48	Diesel	15"	40"	80" arc	32	26.5"	1"	48"	2,900
33000	Tow- Behind	Deutz Turbo	60	Diesel	15"	40"	80" arc	32	26.5"	1"	48"	2,900
SP7500	Tow- Behind	Deutz Turbo	78	Diesel	24"	46"	92" arc	48	31"	1.5"	60"	4,400

#### **Exceptional Quality & Customer Service**

Carlton's commitment to quality can be found in every piece of equipment they manufacture. Each Carlton stump cutter is a result of superior design and the highest quality construction. Plus, Carlton's staff of highly trained and experienced professionals stands behind each stump cutter and is ready with answers to your questions. From parts and service to technical support, Carlton is dedicated to providing the best customer service in the industry. Carlton—Quality products and exceptional service.





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