

DRAINAGE PLOWS

BRON

POWER TO PERFORM



150

350

450

550

THE
POWER TO
PERFORM



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THE NEXT GENERATION OF DRAINAGE PLOWS

It's here and it's ready for you with the latest features and technology built into the completely new BRON Drainage Plow.

Drainage contractors are reaching new levels of accuracy and efficiency with the in-depth knowledge and design of BRON's newest generation.

Entrenched in every BRON plow is innovation which has set the industry standard for over 40 years.

The new self-propelled series makes no exceptions with improved visibility, plowing accuracy and enhanced operator comfort.

BRON keeps you on grade and on the money.



150

350

450

550



OPERATOR CONTROL + COMFORT



ELECTRONIC DISPLAY

All operating systems are controlled electronically with an easy-to-use digital interface. The new electronic system improves performance by synchronizing the drive components with the engine.

IMPROVED SIGHTLINES

Operator has clear visuals looking out the front and sides with full height glass doors and a rear sliding window that opens.

ERGONOMIC CONTROLS

Plow controls are mounted on both sides of the swivel high-back chair and pivot with the chair as you navigate where you are going and monitoring the installation behind you.

ROPS | FOPS

Cab is reinforced with interior steel frame which meets safety requirements for rollover and falling objects protection.

TRACKS

OSCILLATING + TELESCOPING + SELF-LEVELING

OSCILLATING

Each track pivots independently allowing for continuous surface contact, resulting in maximum traction.

TELESCOPING

36" lateral movement avoids travelling over previously plowed soil (optional).

SELF-LEVELING

Hydraulic cylinders keep the entire tractor and plow level for perfect grading while traveling across sloped surfaces.

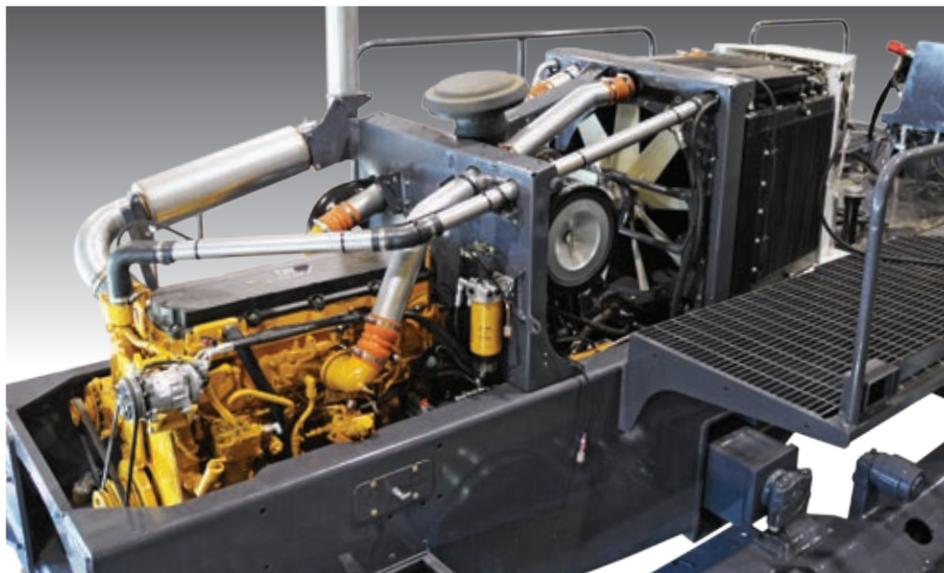


POWERTRAIN

The hydrostatic drives are powered by a CAT® diesel engine for pulling power that is both strong and efficient. Balanced across the frame, the components are positioned for even traction, easy service access and maximum cooling. Managed by the Plus+1™ machine control system, the engine power characteristics are matched to hydrostatic demand for optimum pulling performance.

TRI-CORE COOLING SYSTEM

BRON's new Tri-Core Cooling package is designed to efficiently handle all the system heat exchange requirements with one variable speed and reversing fan. The fan speed is fully variable based on cooling demand. This feature reduces your fuel consumption which means lower operating costs.



750 DOUBLE LINK PLOW



For accurate grading with the most efficient rate of production, the Double Link Plow offers contractors quality installation at a profitable pace. The free-floating double linkage responds quickly to changes in ground contour while traveling at higher speeds when working in standard soil conditions.

BRON blades have an engineered slope designed for maximum soil shatter and lift reducing drag on both blade and chute. Choose between flat or V-shaped cutting edges on the blade as well. The bottom wear plate segments and custom cutting tips are replaceable. There are several designs of blades available.

750 RC PLOW



This plow performs best in hard, rocky or soft soils where a regular parallel plow would have difficulty maintaining grade. The 750 RC is a modified parallel plow with total control of both blade and pitch. The blade depth is either GPS or laser controlled, while the blade pitch is controlled by a slope control. Having total blade control and fast responding hydraulics give you a plow for all those tough conditions.

ADD-ON DOUBLE-LINK PLOW



The BRON Add-on Double-Link Plow gets you in the ground as the most economical method of providing accurate tile installation to customers. Available for all sizes of dozers and agricultural tractors, the BRON Add-on Plow has five models for 90-350 HP applications. The quick-attach system makes it easy to disconnect the plow when not in use.

OPTIONS

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12.

1. ON-BOARD REEL

Carries a roll of tile on the machine when traveling and plowing in wet and muddy conditions, eliminating ruts that occur when using a stringer tractor and wagon.

2. TILE PULLER

Provides consistent draw of tile from the reel. Can be swing-out or catwalk mounted.

3. MANUAL GREASE BANK

A safe and easier way to add grease to your pin points for both plow and axles.

4. REAR STEPS

Bolt-on steps to help the operator on and off the power unit. Available on left or right side.

5. ICE PICKS

For added traction, ice picks are welded to existing single bar grousers.

6. PRE-HEAT SYSTEM

A timer-set heating motor that runs heated coolant through the engine and hydraulic tank, warms up the drive train and hydrostatic system for cold weather startup.

7. STEERING CONTROLS

Contractors have the choice of either dual or single stick steering.

8. CHUTES

Available in sizes 3" to 15" (7.62cm – 38.1cm). RWF BRON also designs and builds sand, gravel hoppers and custom made chutes.

9. CUTTER CRUSHER CHUTE

BRON's unique design cuts and crushes the tile, saves time and money by eliminating the need for endcaps. Available in 4" and 6" (10.16cm – 15.24cm) sizes.

10. 8" POWER FEEDER

Available in manual or hydraulic swing, avoids tile from stretching by mechanically feeding the tile into the chute.

11. GPS | LASER MAST LAY DOWN

Hydraulically raises and lowers the mast for transport purposes.

12. GPS | LASER MAST RAISER

Allows 4-feet of vertical travel, keeping your mast in the laser's light.



SELF PROPELLED DRAINAGE PLOW

PLOW SPECIFICATIONS	150	350	450	550
Operating Weight	35,000 (15,875)	58,000 (26,300)	76,500 (34,700)	78,000 (35,380)
Max. Cutting Depth - in. (m)	4'-6" (1.3)	6'-6" (2.0)	7'-6" (2.1)	7'-6" (2.1)
Engine Make	CAT®	Cummins®	CAT®	CAT®
Net Power - hp (KW)	210 (157)	360 (268)	440 (328)	540 (403)
Fuel Tank Cap. - U.S. Gal. (Litres)	80 (302)	145 (550)	154 (583)	154 (583)
Ground Contact Pressure (kPa)	5.4 (37.2)	5.0 (34.5)	5.3 (36.4)	5.4 (37.2)
Powertrain	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Undercarriage	D4	D6	D7	D7
Travel Speed - mph (kph)	3.5 (5.6)	3.0 (4.8)	3.5 (5.6)	3.5 (5.6)
Approx. Working Speed - mph (kph)	1.5 (1.5)	1.3 (2.1)	1.4 (2.2)	1.4 (2.2)

ADD-ON DRAINAGE PLOW

PLOW SPECIFICATIONS	300	400	750	RC 750	1000
Rubber-Tired Tractor - hp (kw)	275 (205)	300 (224)	450 (336)	450 (336)	-
Crawler Tractor - hp (kw)	-	180 (134)	270 (201)	270 (201)	D9+
Max. Cutting Depth - in. (cm)	48 (122)	60 (152)	90 (228.6)	90 (228.6)	126 (320)
Blade Ground Clearance (field) - in. (cm)	10 (25.4)	16 (40.6)	24 (61)	18 (46)	19 (48.3)
Blade Ground Clearance (transport) - in. (cm)	10 (25.4)	16 (40.6)	24 (61)	24 (61)	19 (48.3)
Plow Height (transport) - in. (cm)	96 (244)	134 (340)	152 (386)	144 (365.76)	ht. or tractor
Plow Weight - lbs. (kg)	6,000 (2721)	9,500 (4308)	12,000 (5442)	15,000 (6802)	20,000 (9070)

TUBING SIZE	300	400	750	RC 750	1000
Installation chute sizes available - in. (cm)	3 (7.62)	3 (7.62)	3 (7.62)	3 (7.62)	3 (7.62)
	4 (10.2)	4 (10.2)	4 (10.2)	4 (10.2)	4 (10.2)
	-	5 (12.7)	5 (12.7)	5 (12.7)	5 (12.7)
	-	6 (15.24)	6 (15.24)	6 (15.24)	6 (15.24)
	-	8 (20.3)	8 (20.3)	8 (20.3)	8 (20.3)
	-	-	10 (25.4)	10 (25.4)	10 (25.4)
	-	-	12 (30.5)	12 (30.5)	-
	-	-	15 (38.1)	15 (38.1)	15 (38.1)

Cutting points are available to match each chute size. Power feeders are available for tubing diameters up to 8" (20.3) pipe. The manufacturer reserves the right to change these specifications without notice and without incurring any obligation relating to such changes.



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