



HIGH PERFORMANCE SNOWBLOWERS

Three families of high performance snowblowers for a multitude of high volume snow removal applications. More than 50 years of dedicated research and development have made Pronovost the leading manufacturer of snowblowers.

PRONOVOST, THE TRUE WINTER SPECIALIST.



**INDUSTRIAL
OPEN FLIGHT AUGER**



**INDUSTRIAL
FULL FLIGHT AUGER**



FOR SIDEWALK



**www.pronovost.qc.ca
CONNECTING TO PERFORMANCE.**

INDUSTRIAL Series

For high volume such as road clearing, truck loading and many other applications. Designed for continuous snow blowing, design decreasing and facilitating maintenance.

INDUSTRIAL LARGE OPEN FLIGHT AUGER (PGV)

SINGLE AUGER MODELS

PGV-1021TRC : 102"

PGV-120137TRC : 118 ¼"



**Horse Power
recommended :**
120 to 350 HP PTO

DUAL AUGER MODELS

PGV-1022TRC : 102"

PGV-1202TRC : 118 ¼"



**Horse Power
recommended :**
225 to 350 HP PTO

STANDARD FEATURES

- Chute rotation kit for hydraulic motor (motor included).
- PTO category V90, multilobe.
- Hardox 450 scraper blade, removable, sharpened.
- Skid shoes (adjustment with spacers), extra hard Rocktec sole.
- Hydraulic motor for drum rotation with reduction system.
- Reducer-inverter gearbox 1000/562 (300 HP at 1000 RPM) 2 gears - 6 ¾" c/c.
- Basic lateral blades, high quality steel. (Not illustrated)
- Interchangeable bolted impeller blades.
- Hardox 450 impeller housing.
- Industrial Yellow color.

REDUCER-INVERTER

(1000/562) Allows adjustment for the input shaft's height to maximize working angle.

QUICK DISMOUNT HUBS

on augers' ends, designed for easy removal and oversized bearings for intensive service.

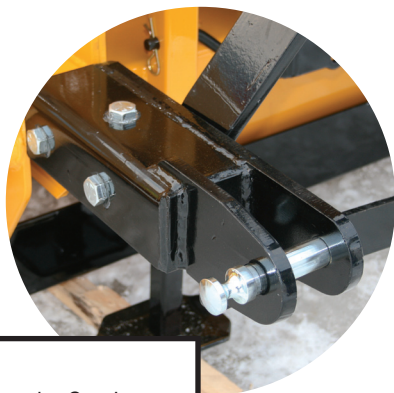


**A BREAK-THROUGH IN THE SNOW REMOVAL WORLD,
THE CONCEPT OF THE LARGE OPEN FLIGHT AUGER
OFFERS THE FOLLOWING BENEFITS:**

- Less snow spillover and leftover on the ground.
- Less demanding on your engine since the snowblower is easier to turn and, therefore, increases the yield by decreasing fuel consumption.
- Easier to go through hardened snow or ice.
- More fun to use !

PGV-120137TRC

**New
model**



3 POINT HITCH

Less strain is put upon the 3 point hitch since the center of gravity is closer to the tractor.



**HIGH PERFORMANCE
IMPELLER**

Interchangeable Hardox 450 blades. Inverted rotation allows the snow to be blown closer to transport trucks for more efficiency.



MAIN AUGER

with replaceable bolted ribbon sections.



INDUSTRIAL FULL FLIGHT AUGER

2 MODELS

P-982TRC : 98", dual auger

P-1022TRC : 102", dual auger



**Horse Power
recommended :**
120 to 350 HP PTO

STANDARD FEATURES

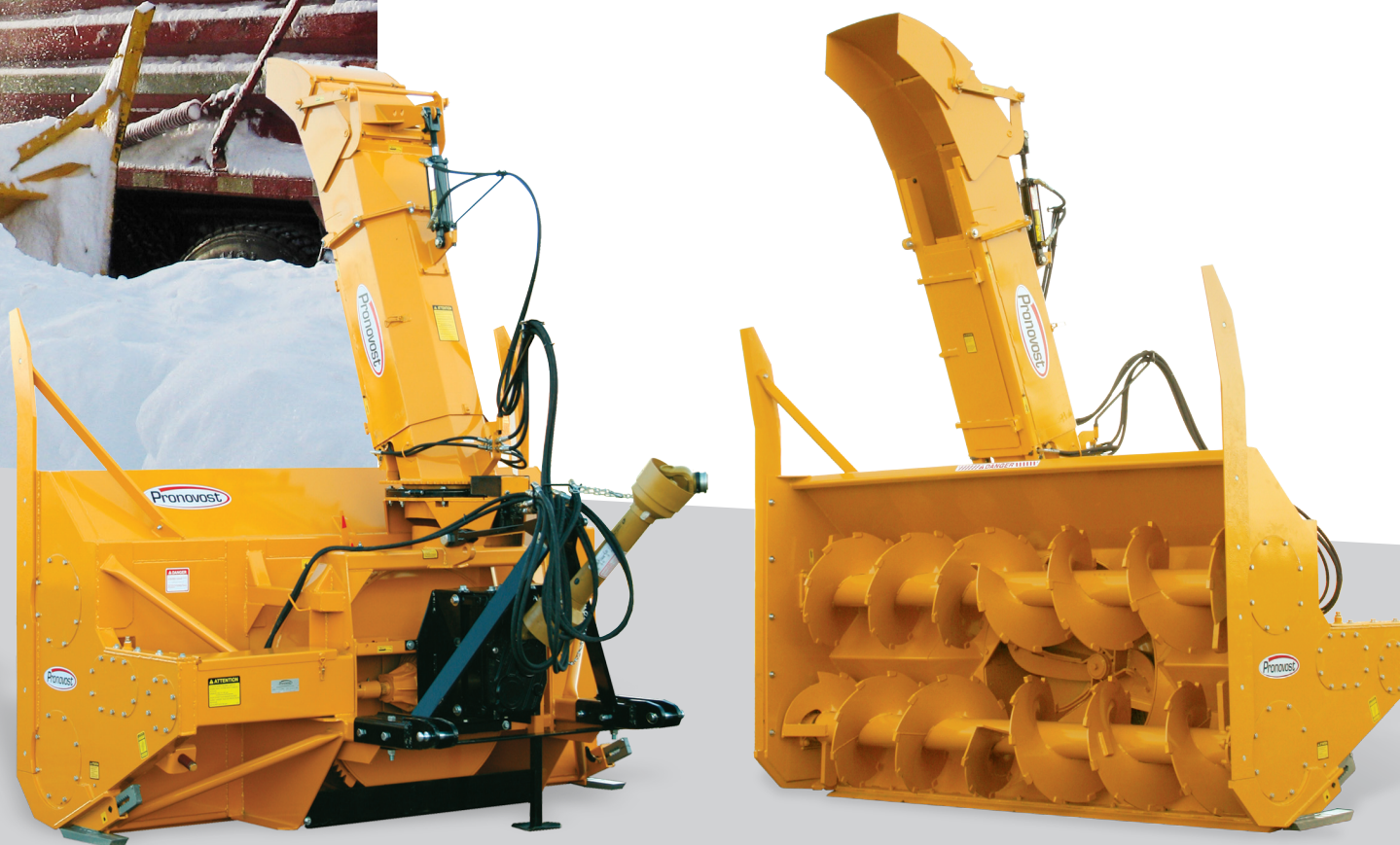
- Chute rotation kit for hydraulic motor (motor included).
- PTO category V90, multilobe.
- Hardox 450 scraper blade, removable, sharpened.
- Quick adjust skid shoes, extra hard Rocktec soles.
- Hydraulic motor for drum rotation with reduction system.
- Welded carbon teeth on both full flight serrated augers.
- Basic lateral blades, high quality steel. (Not illustrated)
- Storage support.
- Industrial Yellow color.

ROLLER BEARINGS

extra capacity with ductile cast iron flanges for intensive service !

REINFORCING PLATES

at strategic points.





SEMI-INDUSTRIAL LARGE OPEN FLIGHT AUGER (PGS)

2 MODELS

PGS-1020TRC : 102", single auger

PGS-1080TRC : 108", single auger



Horse Power recommended :

100 to 150 HP PTO with 540 RPM PTO

125 to 200 HP PTO with 1000 RPM PTO

STANDARD FEATURES

- Semi-industrial chute with greasable hinges and access panel (removable).
- Hydraulic cylinder and hose support for deflector adjustment.
- Chute rotation kit for hydraulic motor (motor included).
- Hydraulic motor for rotary drum rotation.
- PTO category T90.
- High quality steel scraper blade, reversible.
- Quick adjust skid shoes, high quality steel.
- Hardox 450 impeller housing.
- Chain Renold #100HV in oil bath.
- Open flight serrated auger.
- Storage support.
- Industrial Yellow color.

DESIGNED FOR BIG JOBS

- Impeller designed to remove and propel snow efficiently. Assembled, welded and balanced with precision.
- A unique industrial strength, open flight, serrated auger with replaceable sections.
- Two skid shoes adjustable in seconds.

IMPELLER HOUSING

Made of wear resistant Hardox 450 steel for optimal longevity.

HYDRAULIC MOTOR, RACK & PIGNON

for the most efficient drum rotation.

BOLTED AUGER FLANGE

for quick dismount.





SPÉCIFICATIONS

SPÉCIFICATIONS	OPEN FLIGHT AUGER				FULL FLIGHT AUGER		SEMI-INDUSTRIAL	
	PGV-1021TRC	PGV-1022TRC	PGV-1202TRC	PGV-120137TRC	P-982TRC	P-1022TRC	PGS-1020TRC	PGS-1080TRC
Horse power recommended (HP PTO) min.-max.	120-200	225-350			120-200	225-350	100-200	
Approximate performance (tons imp./h)	1600 (tractor 150 ch)	2500 (tractor 225 ch)			1400 (tractor 150 ch)	2200 (tractor 200 ch)	1500 (tractor 150 ch)	
Working width in. mm	102" 2591	102" 2591	118 ¼" 3004	118" 2997	98" 2489	102" 2591	102" 2591	108" 2743
Cutting height in. mm	53" 1346	68 ¼" 1734		53" 1346	52" 1321	59" 1499	47 ½" 1207	
Cutting height - lateral blades in. mm	Included : 59" 1499 Opt. : 78" 1981	Included : 75 ½" 1918 Opt. : 96 ½" 2451	Included : 75 ½" 1918 Opt. : 96 ½" 2451	Included : 59 ¼" 1505 Opt. : 78 ¼" 1988	Included : 59" 1499 Opt. : 77" 1956	Include : 62" 1575 Opt. : 84" 2134	Opt. CL : 66" 1676 ou 78" 1981	
Drum diameter in. mm	34" 864	37" 940			34" 864	37" 940	34" 864	
Depth of drum in. mm	15" 381				15" 381		15" 381	
Number of impeller blades	6 in Hardox 450				6 in Hardox 450		6 ½"	
Impeller shaft diameter in. mm	2" 51	2 ½" 64			2" 51	2 ½" 64	2" 51	
Height - impeller center in. mm	22 ¼" 565	24" 610			21 ¾" 552	23" 584	22" 559	
Impeller speed	540 RPM inverted				540 RPM		540 RPM	
Number of augers	1 dual band, serrated	2 dual band, serrated		1 dual band, serrated	2 full flight, serrated		1 dual band, serrated	
Main auger diameter in. mm	34" 864				18" 457	20" 508	34" 864	
Drive chain	Renold no. 100HV, oil bath				Renold no. 100HV, oil bath		Renold no. 100HV, oil bath	
Hitch category	2	2 ou 3		2	2	2 ou 3	2	
Standard PTO	V90 multilobe, choice of yoke as required				V90 multilobe, choice of yoke as required		T90	
Center of gravity from the 3 point at its shortest	39" 991	40 ⅜" 1030	40 ⅜" 1030	39 ⅛" 992	40 ⅜" 1021	42 ⅛" 1070	44" 1118	
Torque (reference) lbs-in	172 550	222 079	229 701	204 448	174 900	222 300	169-180	173-184
Weight lbs kg	4450 2019 ¹	5475 2484 ¹	5663 2569 ¹	5231 2373 ¹	3700 1680 ³	4600 2088 ³	3845 1744 ²	3936 1785 ²

¹ Including chute PCTC-IND and reducer. ² Including telescopic chute. ³ Including chute PCT.

Design and specifications subject to change without notice.

Width and specifications can be adapted to the needs of the end user under certain conditions.

Contact the Pronovost team for a quote.

Some options for more performance.

CHUTES



Telescopic
Designed for general use
and truck loading.



Telescopic with rounded deflector
Designed for truck loading.

KIT OF DIVERTERS



Kit of electric directional control valves
to control hydraulic functions.



Joystick controller
Installs on an hydraulic
lever or tractor.



Wiring harness and connector 20' (6M).

PTO



Bigger



Multilobe
For intensive use.

OIL COOLER



Pump and tank



LATERAL SKID SHOE



**Extra long life for
sidewalk**

SKID SHOES



Hardox 450 sole
Industrial.

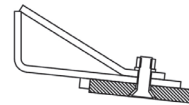


Rocktec sole
Industrial.

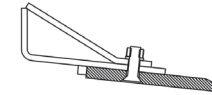


Stainless steel sole
Rust proof.

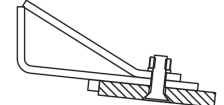
CUTTING EDGE



Hardox 450
Semi-industrial,
long life.



Hardox 450
Industrial,
extra long life.

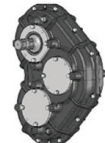


Stainless steel
Rust proof.

SPEED REDUCERS



3 gears
1000 / 555 RPM



3 gears
1000 / 562 RPM

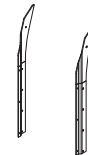


**Drop box : reducer or
reducer inverter**
1000 / 540 RPM

LATERAL BLADES



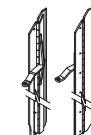
**High quality
steel**



With brace



Hardox 450



**Hydraulic
in Hardox 450**



DESIGNED TO MEET THE NEEDS OF CITIES AND TOWNS

requiring a robust unit manoeuvrable in tight areas. Standard features include serrated augers, making it easier to go through hardened snow or ice.

FOR CONVENTIONAL TRACTOR OR SPECIAL VEHICLE

Can be mounted on a variety of carriers used for sidewalk maintenance. Can be offered in P.T.O. drive or hydraulic drive. Please contact us for your specific needs.

FOR SIDEWALK

2 MODELS

P-254 : 54", dual full flight auger



Horse Power recommended :
50 to 75 HP PTO

P-542 : 55", dual open flight auger



Horse Power recommended :
30 to 55 HP PTO

STANDARD FEATURES

- Semi-industrial chute with greasable hinges and access panel (removable).
- Hydraulic cylinder and hose support for deflector adjustment.
- Chute rotation kit for hydraulic motor (motor included).
- PTO category T60.
- Removable scraper blade, high quality steel, reversible.
- Quick adjust skid shoes.
- High quality steel fixed lateral blades.
- Industrial Yellow color.

STANDARD FEATURES

- Semi-industrial chute with greasable hinges and access panel (removable).
- Hydraulic cylinder and hose support for deflector adjustment.
- Chute rotation kit for hydraulic motor (motor included).
- PTO category T50.
- Hardox 450 scraper blade.
- Quick adjust skid shoes with Hardox 450 soles.
- Open flight serrated augers.
- Industrial Yellow color.



SERRATED AUGERS

Not illustrated.



SEMI-INDUSTRIAL LARGE OPEN FLIGHT AUGER WITH 45° INCLINED SCRAPER BLADE

2 MODELS

PGS-740 : 74", single auger

PGS-800 : 80", single auger



Horse Power recommended :
45 to 75 HP PTO

STANDARD FEATURES

- Semi-industrial chute with greasable hinges and access panel (removable).
- Hydraulic cylinder and hose support for deflector adjustment.
- Chute rotation kit for hydraulic motor (motor included).
- PTO category T60.
- Hardox 550 removable scraper blade.
- Hardox 450 skid shoes.
- Hardox 450 impeller housing.
- Auger chain Renold #80HV in oil bath.
- Large diameter double ribboned serrated auger.
- Industrial Yellow frame, Pronovost Red auger and chute.

EFFICIENT IN HARD PACKED SNOW AND ICE

Engineering and design unique to Pronovost resulting in the most resistant and efficient products of the industry.

LATERAL BLADES

Bolted lateral blades foregoing the auger by 3" to prevent contact between the auger and doors or others.

RUBBER GUARD

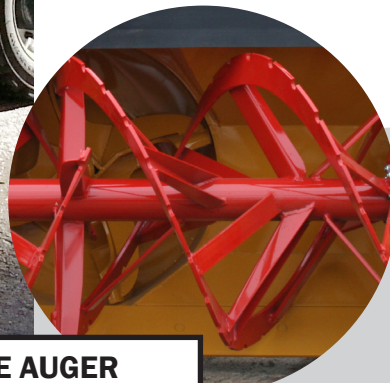
to reduce projections.

LARGE AUGER

double ribboned, serrated.

LOWER LATERAL RUNNERS

in Hardox 450.



SPECIFICATIONS

	SEMI-INDUSTRIAL		FOR SIDEWALK	
	PGS-740	PGS-800	P-254	P-542
Horse power recommended (HP PTO) min.-max.	45-75	45-75	50-75	30-55
Approximate performance (tons imp./h)	650	650	650	550
Working width in. mm	74" 1880	80" 2032	54" 1372	55 3/8" 1406
Cutting height in. mm	36 3/4" 933	36 3/4" 933	51" 1295	37" 940
Cutting height - lateral blades in. mm	58 1/2" 1486	58 1/2" 1486	52" 1321	Opt. CLH : 47" 1194
Drum diameter in. mm	28" 711	28" 711	26" 660	26" 660
Depth of drum in. mm	10 1/2" 267	10 1/2" 267	12" 305	10 1/2" 267
Number of impeller blades	4	4	4	4
Impeller shaft diameter in. mm	1 9/16" 40	1 9/16" 40	1 9/16" 40	1 9/16" 40
Height - impeller center in. mm	18" 457	18" 457	17" 432	16 1/2" 419
Impeller speed	540	540	540 RPM	540 RPM
Number of augers	1 open flight, serrated	1 open flight, serrated	2 full flight, serrated	2 open flight, serrated
Main auger diameter in. mm	28" 711	28" 711	15" 381	18 1/2" 470
Drive chain	Renold no. 80HV oil bath	Renold no. 80HV oil bath	No. 80	No. 60
Hitch category	2	2	1 or 2	2
Standard PTO	T60	T60	T60	T50
Center of gravity from the 3 point at its shortest	30 1/2" 775	30 1/2" 775	27 3/4" 705	26 9/16" 675
Torque (reference) lbs-in	46 177	47 733	38 850	29 219
Weight lbs kg	1514 687 ⁴	1565 710 ⁴	1400 635 ⁴	1100 499 ⁴

⁴ Including chute PSIG.

Design and specifications subject to change without notice.



HYDRAULIC DRIVE Snowblowers

Boasting a range of more than 80 PTO driven snowblower models, we have developed a high performance hydraulic drive system that allows us to combine the best snowblower for every type of utility vehicle and wheel loader. The hydraulic power range covers 14 to 50 GPM and up to 5000 psi.

OUR HYDRAULIC DRIVEN SNOWBLOWERS TYPICALLY HAVE THE FOLLOWING CHARACTERISTICS :

- Open and serrated auger
- Quick adjust skid shoes
- Hydraulic chute rotation and deflector

... AND PRESENT THE FOLLOWING OPTIONS :

- Drum rotation (TRC)
- Hydraulic lateral blades
- High performance with piston engine

WHEEL LOADERS AND SPECIAL VEHICLES

Over the years, our snowblowers have been mounted on a variety of loaders and special vehicles from different major manufacturers, such as :

- BOBCAT
- CATERPILLAR
- JCB
- JOHN DEERE
- KUBOTA
- MULTIHOOG
- NEW HOLLAND
- PRINOTH
- VOLVO
- VTC
- WACKER NEUSON
- WILLE





SNOWBLOWER MODEL : P-540
VEHICLE : WACKER NEUSON WL32



SNOWBLOWER MODEL : PGS-800
VEHICLE : MULTIHOG MH90



SNOWBLOWER MODEL : P-112234TRC
VEHICLE : CATERPILLAR 938 K

Discover the PUMA AND LYNX SERIES for home use.



PUMA



PUMA INVERTED



LYNX

Discover the PRONOVOST SERIES for commercial snow removal.



PRONOVOST GROUPS I, II AND III



INVERTED



PXPL / X-PRO



Visit our **WEBSITE !**
www.pronovost.qc.ca

- ✓ See our snowblowers in action.
- ✓ Learn more about our snowblowers.
- ✓ Compare models.
- ✓ Find the right snowblower for you.
- ✓ Discover the whole product range.



CONNECTING TO PERFORMANCE

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