

# INDUSTRIAL SNOWBLOWERS



To beat the worst winters,  
the pros use Pronovost!



Industrial Snowblowers - Large Open Flight Auger



Industrial Snowblowers - Full Flight Augers



Semi-industrial Snowblower

## 3 categories of high performance snowblowers

40 years of dedicated research and development has made Pronovost the leader in the manufacturing of snowblowers. No wonder, our customer feedback and our field testing with experienced end users have been guiding our snowblowers' evolution to really meet your needs. Pronovost – the true winter specialist.

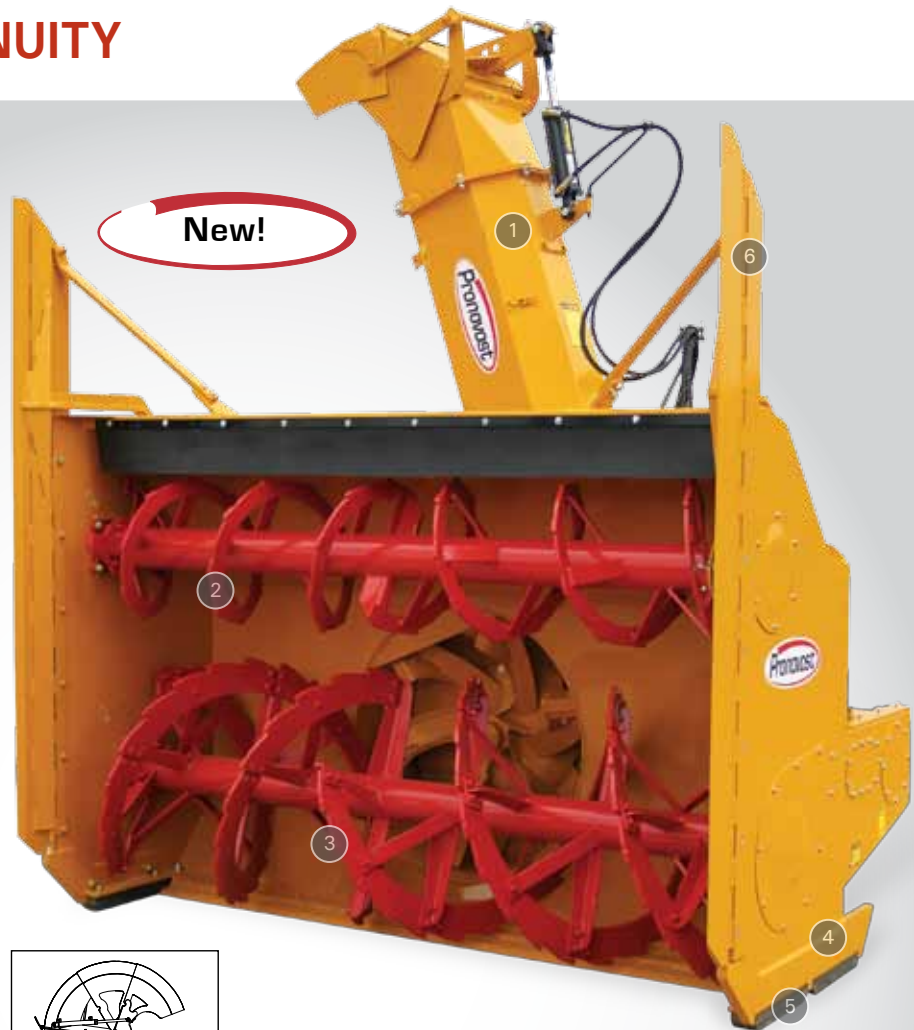
Think ahead.  
Think money.  
Think Pronovost!



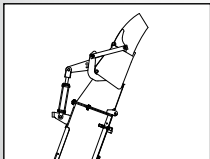
# LARGE OPEN FLIGHT AUGER

## PRONOVOST INGENUITY

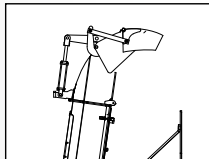
1. Choice of a semi-industrial chute or the new industrial telescopic hydraulic chute redesigned for superior performance.
2. 20'' upper auger with welded carbon steel teeth on PGV-1022TRC-220.
3. Welded carbon steel teeth on removable auger flight sections. 34'' auger diameter (PGV-1021TRC-150 and PGV-1022TRC-220).
4. Heavy-duty frame thanks to steel reinforcing plates installed at strategic points for structural integrity.
5. Four adjustable skid shoes for an outstanding durability.



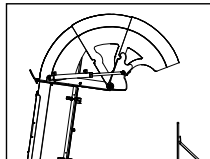
PGV-1022TRC-220



PCT-IND



PCTC-IND



PCTC-INDR



### Augers

Assembled on quick disconnect hubs designed for easy removal and oversized bearings for intensive service.



### High Performance Impeller

Interchangeable HARDOX450 blades. Inverted rotation allows the snow to be blown closer to transport trucks for more efficiency.



### Extra Heavy-Duty 3 Point Hitch

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



# More performance. More productivity. Pronovost increases your profitability.

## PRONOVOST INGENUITY



### **Renold 100HV Roller Chain**

Protected by an enclosed oil bath and fitted with a self adjusting heavy-duty tensioner allowing you to work over extended periods without servicing.



### **Easy Impeller Adjustment**

For optimum efficiency year after year.



### **Inverter Gear Box**

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

## A FEW INTERESTING OPTIONS



### **8' Directional Hydraulic Drift Cutters**

For better performance in hardened snow. Also available: stationary drift cutters made of HARDOX450 steel (see #6).



### **Lateral Carbide Skid Shoes**

To prevent premature wear caused by curbs and sidewalks.

## A BREAK-THROUGH IN THE SNOW REMOVAL WORLD!

- Less snow spillover
- Less snow leftover on the ground
- Less demanding on your engine since the snowblower is easier to turn
- Easier to go through hardened snow or ice
- More fun to use!



PGV-1021TRC-150

**How does it work?** To discover it, check out our video at [www.pronovost.qc.ca](http://www.pronovost.qc.ca).

## PRONOVOST INGENUITY

1. Telescopic chute equipped with precision machined; greasable hinges. Two double-acting slide cylinders assure a vertical displacement of 32" (81,3 cm).
2. Front access panels open rapidly to increase efficiency even in the most severe snow conditions.
3. Adjustable carbide skid shoes.
4. Steel reinforcing plates at strategic points.
5. Removable carbon steel cutting edge set on a 6° angle.
6. Extra capacity roller bearings with ductile cast iron flanges for intensive service!



P-982TRC-150



**Extra Heavy-Duty Impeller**  
Balanced and with six curved replaceable carbon steel blades.



**Both Augers protected by a shear bolt**  
Easily accessible for maintenance.



**Quick adjustment skid shoes**  
Equipped with carbide wear plates.

# Sturdier and Lighter Snowblowers. Pronovost increases your profitability.

## A FEW INTERESTING OPTIONS



### **PCT-IND Telescopic Chute**

Equipped with HARDOX450 steel wear plates on the inside.



### **Drift Cutters**

Also available: hydraulically controlled drift cutters made of HARDOX450 steel.

## PRONOVOST INGENUITY



### **3 Gear Reducer**

1000/555 or 1000/562 reducers in option.



### **Easy Impeller Adjustments**

For optimum efficiency year after year.

1. Chute bases equipped with a UHMW slide system which rotates easily. Physical properties of UHMW also prevent the chute from freezing.
2. No. 9 multi-lobe PTO shaft.
3. Extra heavy-duty 3 point hitch. Exclusive to Pronovost



**How does it work?** To discover it, check out our video at [www.pronovost.qc.ca](http://www.pronovost.qc.ca).

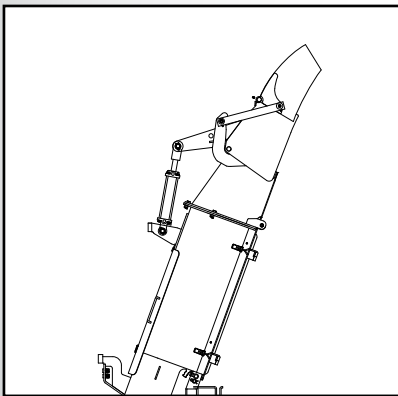




# SEMI-INDUSTRIAL SNOWBLOWER

## PRONOVOST INGENUITY

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



PCT-92104



PGS-1020TRC



### Oil Bath

To ensure an exceptional life of the Renold 100 HV chain.



### Hydraulic Motor, Rack & Pignon

For the most efficient drum rotation.



### Chain Tensionner

Extra heavy-duty industrial design.

# More productivity at affordable prices. Pronovost increases your profitability.



## **Auger Drive Shaft**

Mounted on over sized ball bearing and easy access shear bolt.



## **Impeller Housing**

Made of wear resistant HARDOX450 steel for optimal longevity.



## **Bolted Auger Flange**

For quick dismount.



## **Adjustable Impeller**

Unique to Pronovost.



## **Lube Points**

Easy to access for enhanced longevity.

PGS-1020TRC



Engineering and design unique to Pronovost result in the most resistant and efficient products of the industry.  
**Pronovost,**  
leading the way.

**How does it work?** To discover it, check out our video at [www.pronovost.qc.ca](http://www.pronovost.qc.ca).

# TECHNICAL SPECIFICATION CHART

CATEGORY	LARGE OPEN FLIGHT AUGER			FULL FLIGHT AUGERS		SEMI-INDUSTRIAL
MODEL	PGV-1021TRC	PGV-1022TRC	PGV-1202TRC	P-982TRC	P-1022TRC	PGS-1020TRC
Recommended power	100 to 200 HP	175 to 300 HP*	175 to 300 HP*	100 to 200 HP	175 to 300 HP*	100 to 150 HP
Approximate performance (tractor)	1600 Imp. tons / h (150 HP)	2500 Imp. tons / h (200 HP)	2500 Imp. tons / h (200 HP)	1400 Imp. tons / h (150 HP)	2200 Imp. tons / h (200 HP)	1500 Imp. tons / h (150 HP)
Height of telescopic chute (in working position)	129" closed 160 1/2" extended (approx.)	131" closed 162 1/2" extended (approx.)	131" closed 162 1/2" extended (approx.)	120" closed 150" extended (approx.)	121" closed 151" extended (approx.)	127" closed 158" extended (approx.)
Height of chute base	52"	54"	54"	51"	52"	50"
Chute rotation	With hydraulic motor and cushion valve included	With hydraulic motor and cushion valve include	With hydraulic motor and cushion valve include	With hydraulic motor and cushion valve include	With hydraulic motor and cushion valve include	On UHMW, for hydraulic motor
Height of shroud	53"	68 1/4"	68 1/4"	52"	59"	47 1/2"
Height of drift cutters	Std: 59" CL: 78" CLH: 78"	Std: 75 1/2" CL: 96 1/2" CLH: 96 1/2"	Std: 75 1/2" CL: 96 1/2" CLH: 96 1/2"	Std: 59" CL: 77" CLH: 77"	Std: 62" CL: 84" CLH: 84"	Opt.: 65 3/4"
Working width <sup>1</sup>	102"	102"	118 1/4"	98"	102"	102"
Drum diameter	34"	37"	37"	34"	37"	34"
Depth of drum	15"	15"	15"	15"	15"	15"
Drum rotation	With hydraulic motor and cushion valve included	With hydraulic motor and cushion valve included	With hydraulic motor and cushion valve included	With hydraulic motor and cushion valve included	With hydraulic motor and cushion valve included	On UHMW, for hydraulic motor
Drum position	Offset 6" to the right	Offset 5" to the right	Offset 5" to the right	Centered	Centered	Centered
Drum construction	1/4", 450 carbon steel	3/8", 450 carbon steel	3/8", 450 carbon steel	1/4", 450 carbon steel	3/8", 450 carbon steel	1/4", 450 carbon steel
Number of impeller blades	6 x 3/8" carbon steel replaceable blades	6 x 3/8" carbon steel replaceable blades	6 x 3/8" carbon steel replaceable blades	6 x 3/8" carbon steel replaceable blades	6 x 3/8" carbon steel replaceable blades	6 in standard steel, welded
Impeller shaft diameter and height	2" diam. • 22 1/4" height	2 1/2" diam. • 24" height	2 1/2" diam. • 24" height	2" diam. • 21 3/4" height	2 1/2" diam. • 23" height	2" diam. • 22" height
Direction of rotation of impeller	CW	CW	CW	CCW	CCW	CCW
Impeller rotation speed	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM
RPM required for the tractor PTO	1000 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM	540 RPM • Opt. 1000 RPM
Speed reducer	1000 / 562 - 250 HP (rotation inverter)	1000 / 562 - 250 HP (rotation inverter)	1000 / 562 - 250 HP (rotation inverter)	1000 / 555 - 220 HP (non inverting)	1000 / 562 - 250 HP (non inverting)	Suggested option <sup>2</sup> 1000 / 555 - 220 HP (non inverting)
Oil cooler for speed reducer	---	Option Increases capacity to 300 HP	Option Increases capacity to 300 HP	---	Option Increases capacity to 300 HP	---
Height of speed reducer shaft	Adjustable from 27 3/8" to 19 1/4"	Adjustable from 29 7/8" to 18"	Adjustable from 29 7/8" to 18"	13 3/4" or 29 3/4" (with red. 150 HP)	13" or 33" (with red. 300 HP)	14" or 30" (with red. 150 HP)
Standard PTO shaft	V90 (choices of yokes as required)	V90 (choices of yokes as required)	V90 (choices of yokes as required)	V90 (choices of yokes as required)	V90 (choices of yokes as required)	T90 (choices of yokes as required)
Optional PTO shaft	---	---	---	---	---	V90 (choices of yokes as required)
Main auger	Dual band, bolted, 34" diam., carbon steel teeth	Dual band, bolted, 34" diam., carbon steel teeth	Dual band, bolted, 34" diam., carbon steel teeth	Full flight 18" with welded carbon steel teeth	Full flight 20" with welded carbon steel teeth	Dual band, bolted, 34" diameter
Upper auger	---	Single band, 20" diam., carbon steel teeth	Single band, 20" diam., carbon steel teeth	Full flight 18" with welded carbon steel teeth	Full flight 20" with welded carbon steel teeth	---
Drive chain of auger(s)	N° 100 HV Renold chain in oil bath	N° 100 HV Renold chain in oil bath	N° 100 HV Renold chain in oil bath	N° 100 HV Renold chain in oil bath	N° 100 HV Renold chain in oil bath	N° 100 HV Renold chain in oil bath
Shear bolts	1 on rotor & 1 on auger	1 on rotor & 1 on augers	1 on rotor & 1 on augers	1 on rotor & 1 on augers	1 on rotor & 1 on augers	1 on rotor & 1 on auger
Scraper blades	Standard steel 1/2" x 4" reversible	---	---	---	---	Standard
	Carbon steel 1/2" x 4" reversible	---	---	---	---	Option
	Carbon steel 1/2" x 6" sharpened	Standard	---	Standard	---	Option
	Carbon steel 5/8" x 6" sharpened	---	Standard	---	Standard	---
	Stainless steel 1/2" x 4" reversible	---	---	---	---	Option
Skid shoes	Standard steel (quick adjustment)	---	---	---	---	Standard • 2 skid shoes
	Carbon steel (quick adjustment)	---	---	---	---	Option • 2 skid shoes
	Stainless steel (quick adjustment)	---	---	---	---	Option • 2 skid shoes
	ROCKTEC (quick adjustment)	---	---	Standard • 2 skid shoes	Standard • 2 skid shoes	Option • 2 skid shoes
	ROCKTEC (spacers adjustment)	Standard • 4 skid shoes	Standard • 4 skid shoes	Standard • 4 skid shoes	---	---
	Lateral skid shoe for sidewalks	Option	Option	Option	Option	---
3-point hitch	Category 2 hitch pin	Category 2 hitch pin (others available)	Category 2 hitch pin (others available)	Category 2 hitch pin	Category 2 hitch pin (others available)	Category 2 hitch pin
Frame: sides	1/4"	5/16"	5/16"	5/16"	3/8"	1/4"
Frame: back	10 gauge	9 gauge and 3/16"	9 gauge and 3/16"	9 gauge	3/16"	10 gauge
Center of gravity from 3-point at its shortest	39"	40 9/16"	40 9/16"	41 1/4"	42 3/4"	44"
Torque	173 550 lbs-po	222 079 lbs-po	229 701 lbs-po	174 900 lbs-po	222 300 lbs-po	169 180 lbs-po
Weight	4450 lbs (2018 kg) with telesc. chute and reducer	5475 lbs (2483 kg) with telesc. chute and reducer	5663 lbs (2569 kg) with telesc. chute and reducer	4240 lbs (1923 kg) with telesc. chute and reducer	5200 lbs (2359 kg) with telesc. chute and reducer	3845 lbs (1581 kg) with telesc. chute and reducer

\* With oil cooler option. <sup>1</sup> Without sidewalk skate <sup>2</sup> Consult your dealer to learn about all available reducer models.  
Design and specifications subject to change without notice.

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## DEALER

