

APPLICATION STORY

I USED TO HAVE A DOG... NOW ALL I HAVE IS A CHAIN

OK so it's not true, but you could see it happening. This is why when Bercomac of Quebec Canada set out to design the best ATV Snow blower attachment in the world, they were concerned with the health and safety of the owner operator as well as their pets and offspring.

There are plenty of Snow Blower attachments available for ATV's (All Terrain Vehicles), but they all had several drawbacks:

The attachments were difficult to install and remove when needed (many left theirs attached all year round basically eliminating the ATV

for any other use).

They were weak and didn't have enough power.

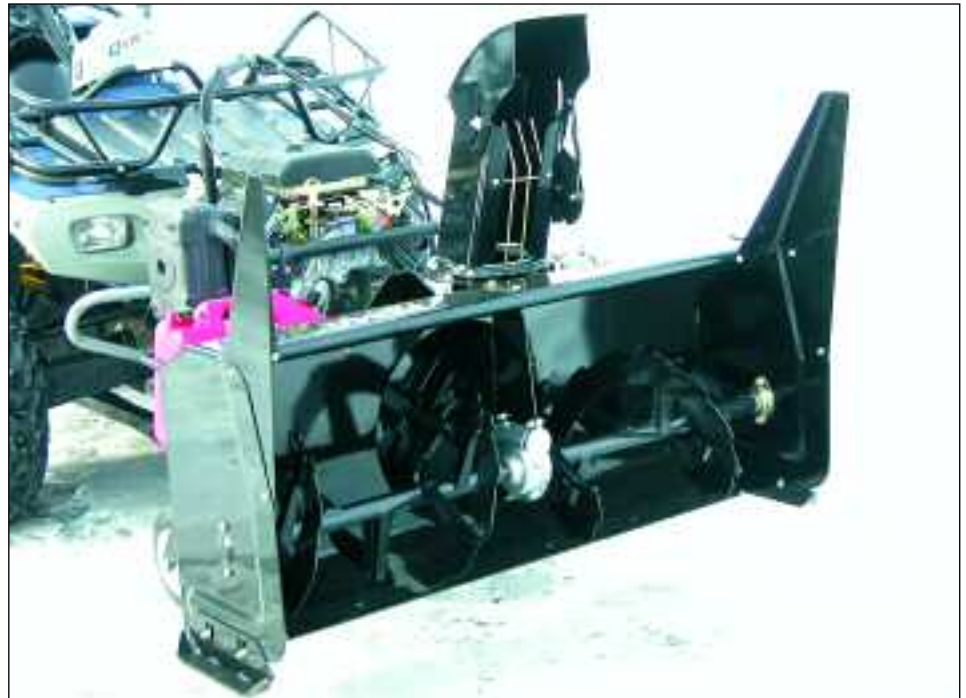
They were dangerous to operate for the operator and others who were around (woof, woof, ackkkkkk).

Bercomac set out to offer the public a product that addressed all these issues with real power

and true safety. The 48 inch wide blower is a convenient self contained attachment to the ATV that uses its own engine and gas tank. It takes no power from the ATV engine. This machine clears a path 50% to 100% wider than typical walk behind snow blowers, effectively cutting clearing time in half while increasing safety and reducing operator fatigue.

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This Bercomac ATV attachment uses Ogura's GT2.5 MC04 PTO Clutch Brake mechanism to dynamically control the 23 HP Kohler gas engine's output to the auger and fan.



ATV with Bercomac snow thrower

engine's output to the auger and fan. In this application, the clutch connects the engine's output to both the blower (fan) drive and the auger gear

box input via a B section belt. This belt drives the fan at 1,050 to 1,100 RPM and via the gear box, drives the auger at a powerful 150 RPM. This combination of belt and gear reduction offers smooth performance and high torque. For added safety, the machine has an electric engine start and electric (clutch) auger and fan engagement together with a kill switch all built into the saddle.

If the operator leaves the saddle, the kill switch disconnects the clutch and, at the same, time kills the engine. The spring set brake helps to slow the

auger to a stop in less than 5 seconds. If all else fails, there are dual impact shear bolts that shut down the machine in the event of an impact

to the auger. This is important with this machine because of its "fun factor" and family wide acceptance and use.

For your winter cottage or long driveway, these machines are a cost effective and SAFE solution to hiring snow removal contractors. Bercomac uses Ogura's quality GT2.5 MC04 PTO

Ogura clutch/brake model GT2.5-MC04



Clutch Brake mechanism to help make this machine a fun and convenient tool for the whole family. And with such documented safety features, it's just one more good excuse for dad to go out and buy that really necessary ATV...Woof....