



Now In Stock: 26cc PureFire Brushcutters From Tanaka

Last year was a big year for Tanaka, with the introduction of the PureFire engine. This engine was the first two-stroke engine to be certified to the stringent California Air Resources Board Tier II/Year 2000 compliance. We saw the first brushcutters, with the 40 cc PureFire engine late last year. Today, we have the 26 cc brushcutter, the TBC-270 PF in stock.



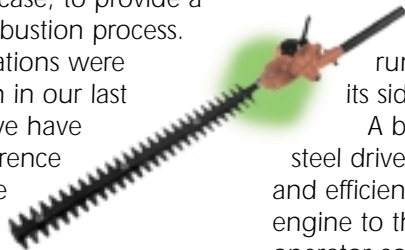
The new TBC-270 PF, shown with a Brain head and an illustration of the inside of this amazing attachment. The TPH-200 hedger attachment is shown below.

With the PureFire engine, Tanaka introduced a number of innovations: new scavenging ports, piston, cylinder and crankcase, to provide a more efficient combustion process. While these innovations were discussed at length in our last newsletter, what we have failed to make reference to, was, such huge reductions in emissions can only benefit the operator, and ultimately the environment.

To put it simply, with the new engine design, there are less toxic fumes. PureFire cuts emissions. Compared to 4-strokes, hydrocarbons (unburnt fuel): Carbon Monoxide (CO) is reduced by 70%, Carbon Dioxide (CO₂) by up to 300%, and Nitrous Oxide by 250%.

With 30% increased fuel efficiency and the greatly reduced emissions,

TBC-270PF is a really good investment. The brushcutter packs 1.4 hp (1.04 kW) of power. At 6 kg, the unit is lighter than an equivalent four-stroke, whilst being more reliable, especially when doing lawn edges and running the brushcutter on its side.



A bearing supported, solid steel drive shaft provides smooth and efficient power transfer from the engine to the cutting head. For operator comfort, a heavy duty anti-vibe system includes a padded front handle and heavy duty rubber mount between the engine and shaft.

The TBC-270PF can be fitted with the fully automatic BRAIN® cutting head, to provide the perfect length line and keep the engine speed at peak cutting performance. And, for doing the hedges, there is the TPH-200 attachment. There are a number of other attachments

Winter 1999

In this issue...

- ✓ New PureFire Brushcutter from Tanaka
- ✓ New saws from Tanaka and Oleo-Mac
- ✓ One dealer's initiative
- ✓ And lot's more....

WELCOME

It's back to woollens and heavy jacket weather again. One thing I enjoy during winter is rugging up in front of a warm fire, with a nice hot cuppa, and a good book to read.



To help you stock-up with firewood for the old fireplace, we've included a number of new chainsaws for you to consider.


We've also featured one of our dealers who gave that extra effort to help a customer and a commercial user of our Amazone Groundkeeper. It's good to get feedback from our readers and I'm sure you also enjoy hearing from others who have similar experiences.

We are in the process of finalising our new training schools. We'll be covering a wide range of topics which I am sure will be of interest to many of you. Please call for details.

We've got a whole swag of other stories for your easy winter reading.

I trust that you will enjoy this issue.

Neville

available. Contact us for more details. For the roll out of more PureFire products, watch this space. 

Aussie Ingenuity At Work: A Focus On A Dealer's Initiative

Chris Wright of Laurieton Mowers provides us with a good example of how providing customer satisfaction is easy if you want to take the initiative. A customer, Tony Guest, needed a ride-on mower, with controls on the left hand side. Because of a stroke, Tony has restricted use of right hand, arm and leg.

Working on a Murray 40560X50B 14.5 hp, with 40" cut and hydrostatic drive, Chris made a few modification to accommodate Tony's needs. Conversion from right to left was made easier because of the twin beam construction, which features a cross over yoke to the transmission and linkages.

The speed control pedal was unbolted from the right and its mounting plate used as a template to drill new mounting bolts into the the left side footplate. The brake pedal was removed and heated. This was then bent to be able to

position it closer to the hood. The pedal was shortened and a round pad fitted to the top.

The foot piece of the speed control pedal was cut from the shaft and welded back on the opposite side after having the reversing section cut and welded onto the opposite side. Heat was used to bend the shaft, to position the pedal which was bolted on after spraying.

A substitute rod link was fabricated out of flat bar to replace part number 94426Z. A new rod link (part number 95226Z) was then connected to the substitute rod link using the existing adjusting nut.


The last piece of conversion was the fitting of a knob to the steering wheel. We were impressed with the work done by Chris and have allowed him to cover the ride-on



Chris Wright and Tony Guest on his modified Murray ride-on. Close-up of new foot pedal shown on the left.



with our standard warranty.

Tony is extremely happy with the conversion and now actively works on the garden he has built with the help of his wife, Pam. 

How To Safely Dig Post Holes Single-handedly


Using one-person earth augers has always been fraught with danger, especially from "torque twist" which can easily happen when digging post holes. If, during operation, an auger hits a tree root or rock, the shock of this torsional force is deflected back to the operator. The Australian-made and designed Dig-Assist™ has saved many an operator from this danger, as well as helping prevent back strain, bruised shins and so on.

Dig-Assist fits most existing one-person earth augers. The tool stabilises and supports the auger, to help the operator dig straight holes safely and with little effort. A unique steering action keeps the tool clear of stringlines and rubbish along fences. This swivel action also makes it easier to dig holes on slopes or uneven ground.

Dig-Assist now comes with a new




quick-release system. This allows the operator to detach the tool from the auger easily. Dig-Assist can also be used to help transport the auger around the work site and is easily halved to fit the boot of a car.

For the cost of an average auger bit, a user can get the safety of Dig-Assist. Pay back is achieved through halved digging time and increased safety. 

Introducing Noal Wheeler

We are pleased to welcome Noal Wheeler to our staff. Noal has been in the industry since leaving school.

For over 20 years, at four different dealerships, he has worked as a mechanic on all types of brushcutters, chainsaws, walker and ride-on mowers. This experience makes Noal ideally suited to his current position as Service Manager.

His practical knowledge and skills enable him to solve problems efficiently, and at the same time, Noal is well able to liaise with the various technical people at the manufacturing level of the products distributed by Parklands. 



New Chainsaws From Oleo-Mac

Just in time for the season, we have a swag of new chainsaws from Oleo-Mac. The new 936 replaces the 935 X. With a 35.2 cc displacement, the new saw packs a bit more power than the previous model, which had 34.0 cc.

This professional saw is part of the new mid-range line from Oleo-Mac. Featuring high torque for rapid cutting, the 936 has more than enough power to take the toughest cutting conditions, without the engine slowing down. The saw is rated at 2.1 hp (1.6 kW) at 9000 rpm.

The 936 offers great stability and cutting precision, as the front grip,

rear grip and fuel tank are a single-piece section, separated from the engine block by five vibration dampers. Weighing only 3.9 kg, the 936 is light and easily handled.

Maintenance is a breeze as the filter/spark plug cover may be opened without the need of tools. The self-cleaning nylon filter will provide up to 100 hours of service before replacement.

Plus, also making their debut this season, we have two new electric saws, the E 160 F and E 300 F. The smaller saw, the E 160 F, has a 1600 W electric motor. The larger saw

packs 2000 W of power.

Fully featured, the new saws have an automatic oil pump, vibration damping, inertia chain brake and chain catcher, as well as a safety switch located on the handle for protection of the operator.

The E 300 F has motor overheating protection cutout for added safety. This model is ideal for more difficult cutting work. 🌿



A beast on wheels tames the toughest grass

We now have Murray's High-Wheel Trimmer—a real heavy duty brushcutter on wheels. It's the best way to cut through any thick brush that you may encounter.

Because you push the trimmer, you protect your back, arms, legs and shoulders. No need to carry and swing that brushcutter.

Powered by a 5.0 hp (3.73 kW) Tecumseh engine, the trimmer has a 22" trimming width. The trimline is easy to replace by hand. No tools needed.

Large 14" wheels make manoeuvring easy. The trimmer handle is height adjustable, with vibration eliminators. The remote throttle and remote clutch engagement are located near the handle just like a push mower.

The Murray is a great little worker that will make life easier for landscape gardeners, farmers, hire companies and council workers. It's great for cutting under fence rails, especially when working with tough brush. 🌿



PTO-powered Chipper/Shredders from Caravaggi

You don't only get petrol driven and electrical powered Chipper/Shredders from Caravaggi. We also have in stock the range of PTO-driven models, the BIO 100, 150 and 200.

These units are ideal for nurseries, councils, farmer and commercial applications—anyone with a tractor. PTO-driven chipper/shredders have more power to do the toughest jobs. They are also less expensive than the other models, as they eliminate the expense of an engine. As well, they require less maintenance and are more economical.

Caravaggi chipper/shredders are different from anything else in the market. These amazing units not only chip and shred tree branches but mulch all waste. After processing, organic residue is ideal for use as compost.

All steel construction means that BIO chipper/shredders will work for you for a long, long time. 🌿



New Pruning Saw From Tanaka

We now have stocks of Tanaka's new pruning saw, the TCS 3401. Featuring a revolutionary new design, with carburettor and air filter at the back, this lightweight saw is really something else. As part of that design, the engine is sloped to make for a more compact chain saw, which weighs only 3.6 kg.

Especially good for the cold winter, quicker engine warm ups are provided through the design



which moves warm air from the engine around the carburettor. This also helps save on fuel costs.

A centrifugal clean air system provides longer engine life and less maintenance on the air filter.


No slouch, the new saw packs 1.8 hp (1.34 kw) of power and can handle a bar of up to 16" (406 mm). For added safety an inertia activated chain brake stops the saw chain instantly. A multi-point anti-vibration system provides maximum comfort and helps reduce operator fatigue. 

Did you know?



We've kept you apprised of the many technological innovations that Tanaka have developed through the years. Here's something different which you probably do not know about.

Tanaka manufacture engines for an unmanned helicopter used in Japan for spraying chemicals in agricultural applications. The twin cylinder, horizontally opposed engine has a displacement of 248 cc.

The helicopter is remotely controlled, with GPS guidance. Hows that for high tech? 

John & The Grass Cutters: Focus On A User

Our thanks to John Stubbs from Runaway Bay in Queensland for his help in getting this story.

John has been in business for over 10 years doing mowing and contract slashing. Four years ago, he decided to expand the business by doing more renovation work.

To help him do the work, John has two GHS 210 Jumbo Groundkeepers, with hydraulic lift discharge. He is really rapt with these Amazone workhorses.


Every time he demonstrates one of his Groundkeepers to golf course superintendents, maintenance officers at one of the local schools or other people he does contract maintenance for, he gets nothing but praise. The



John pulling one of his Amazone GHS 210 (top) and a close-up of the Groundkeeper at work.

ability of the Groundkeeper to mow, de-thatch, scarify, roll and collect in one pass (or separately) is something his customers have not seen before.

With the work he has built up in the last 12 months using the Amazone units, John is very busy. He has up to 30 people working for him during the peak summer season.

Good to hear, John and more power to you. 



Here's what the engine looks like underneath the canopy.



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