

Stoll's Spraying Focus

January 2009

Welcome 2009

Welcome to our first newsletter of 2009! I hope everyone had a safe and enjoyable Christmas and New Year and that you all got away for a break—which would be well deserved after last season.

We are looking forward to a big year in here and thinking positive that it is going to be a great season.

We've got big plans for the year ahead, both in the shop and in the workshop. Our first goal is to complete the showroom which should start taking shape shortly with some new walls and doors to go in. The office is now nearing completion with the air-conditioners going in and the walls being painted recently. We now only have the floors left to paint and it will be complete.

Hopefully Mal, Sam and James had a good rest because they are now flat out again in the workshop.

They are currently working on a batch of our larger GT3000lt sprayers with 15m and 18m booms, which need to be completed ASAP, so they have their work cut out for them.

Kell has been working hard on our new Stoll's catalogue which will feature a wide range of our parts and spray units and has slowly been adding content to our web site - www.stolls.com.au

Please jump on the net and have a look and let Kell know if there is anything particular you would like to see or find beneficial.

While all this has been going on I have been on the golf course working flat out on my game—just joking! Although I did enjoy a few rounds down at Bermagui over the break.

Don't forget we are now proudly the regions dealer for Spitwaters range of high pressure washers

and cleaning gear—much of which is made in Albury—not imported like most other brands. We have sold quite a few of their pressure washers over the last couple of months and are getting excellent reports back which is pleasing. Make sure you give myself or James a ring if you are in the market for a high quality pressure cleaner.

We are launching our 'Stoll's Smarter Farmer Award' this month which I'm sure will create a bit of interest. If you or someone you know is a 'Stoll's Smarter Farmer' be sure to send the details in.

Lets hope 2009 is finally the one we've been waiting for and I look forward to catching up with you all shortly.

Jarrod Stoll

FIELD DAY—TEMORA Wed 18 Feb 2009

The Conservation and No-till Farming Association, Central West Farming Systems, Farmlink Research, NSW Department of Primary Industries and the Temora Ag Bureau are holding a NSW Conservation Agricultural Field Day on Wednesday 18th February 2009 at the NSW DPI Temora Agricultural Research Station. Gates open at 8.30 am and close at 5.00pm.

Previously held in Condobolin and Wellington the Field Day attracts quality exhibitors with demonstrations of conservation farming equipment in a variety of farming environments. Demonstrations are limited to 24m so that counts our Hayes out—but we will be there with a 6800lt 36m Hayes on display for you to have a look at. John Reichstein from Hayes will be down to answer all your questions on Hayes sprayers.

We hope to see you there!

www.stolls.com.au

Stoll's Smarter Farmer Award

- ◆ Every month we will feature a Stoll's Smarter Farmer.
- ◆ Send nominations to: info@stolls.com.au with details/photos
- ◆ \$1000 open order at Stoll's awarded to the most popular Farmer in Dec.
- ◆ See inside for this months nomination and further details.

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SPITWATER CORNER: Amazing Special on heavy duty unit

Every month we will be featuring a Spitwater unit and running a red hot special on it. This month we are taking a closer look at the HP10-120H HOT Water Pressure Cleaner—commercial quality cleaner at an affordable price.

Designed and built in Australia, the Spitwater Model 10-120H is truly a gem. 240 V powered, it offers users most of the benefits of a large industrial hot water high pressure cleaner in a smaller and easier to use package. The machine offers 10 L/min of hot or cold water with 1800 psi pressure.

The heart of the machine is the Italian built brass head pump with ceramic pistons – ideal for our water conditions. The pump is direct-coupled to and powered by a 3 hp, 240 V motor which requires a 15 Amp power outlet – serious cleaning gear!

The HP10-120H is built in a locally manufactured zinc-annealed and powder-coated chassis and it has a zinc-annealed and powder-coated red cover – the Spitwater trademark.

Model 10-120H is fitted with an 8 L water cooling tank. This tank acts like a radiator on a car and is designed to allow full, 100% water by-pass in trigger-closed mode. This is real protection from overheating.

To heat the pressurised water, the machine is fitted with a 33 m long, ½ in diameter, genuine seamless mild steel coil. The coil is fitted to the machine in a horizontal position, allowing cleaner burning, less sooting and longer coil life.

Using chemicals, such as truck wash or degreaser with Model 10-120H is simple – the machine is fitted with a chemical dispenser venturi and a 5 l container.

Machine controls are very simple: machine on/off switch, burner on/off switch, temperature regulating thermostat and detergent metering control are all located on the machine control panel on the same side of the machine.

Model 10-120H is supplied standard with 8 m of high pressure hose, high quality gun with back part of lance and a dual stainless steel front part of lance with high / low pressure valve.

Optional accessories available for this machine include longer hose lengths at 15 m, 20 m, 30 m and 40m, a hose reel that mounts conveniently at the front of the machine, turbo lance which will increase washing effect of the machine to 2250 psi and a foam

gun.

Model 10-120H is absolutely ideal for on-farm use as well as for single truck owners and similar commercial applications. It is built tough for tough Australian working conditions and will remove heavy dirt and grease with ease.

We currently have one of these units in stock now if anyone would like to see a demo of this machine. And for the month of February you can save a massive \$400 on this machine!!

Stoll's February Special Price

\$3,415.50 + GST



HAYES DELIVERY UPDATE—MACHINES AVAILABLE FOR MAY/JUNE DELIVERY!!

As reported last year due to the popularity of the Hayes Sprayers delivery times blew out to over 12 months. After the Henty Field Days last year we had already sold out of our machines for 2009 delivery!

Lucky for us - due to a couple of cancellations and Hayes catching up on orders we have got our hands on 2 single axle trailers which will be ready for delivery in May/June this year. For the large sprayers on bogies we will have units ready for delivery in Aug/Sept this year.

With the number of enquiries and

quotes we have done in the last month we have no doubt these machines will be snapped up very quickly, so if you are in the market for a Hayes don't wait, come in and talk to Jarrod today.

Hayes also have an annual price rise every year in August so if you want to secure a Hayes at the current price you will have to move quickly!!

If you would like any further details or a quote on the available sprayers please contact us in the shop.

For those of you who are thinking of trading up to a Hayes for next season

please let us know so we may keep in touch with you for developments on delivery times and availability. We already have a number of orders for 2010 which have been placed to ensure delivery prior to cropping.

We also understand that you may be hesitant to place an order this far out with no indication of how the season will turn out, so if you put your name down now there is no deposit required - it is only an indication. We won't be looking for a confirmation of the order until September/October.



NEW PRODUCT: STOLL'S LIQUID-INJECT SYSTEM:

Over the last 3 seasons we have seen a steady increase in enquiry from clients asking for a practical and cost effective system to put on their seeding equipment that will allow them to accurately and reliably apply trace elements, fungicides and liquid fertilizers.

The Stoll Liquid-Inject system was designed after much testing and consultation with farmers to allow you to easily and confidently fit the kit to your seeder regardless of size, brand or varying application rates.

The Liquid-Inject system allows you to utilize equipment you may already have (such as tanks and pumps etc) and only purchase the necessities, hence keeping the costs down and maximizing returns. Alternatively a complete ready to bolt on kit containing everything necessary can be purchased.

The Liquid-Inject system provides a cost effective and reliable way for you to test the

theory of liquid fertilizer and trace element injection with ease and minimal outlay. The system can easily be expanded in following seasons by way of fitting options such as automatic rate controllers, adding direct injection modules or linking to GPS units to provide automatic on/off or varying rates of liquid on-the-go according to a prescription map.

Our SS Tine system can be easily attached to your tine no matter what brand you sow with. As recommended by the experts, a steady stream of liquid is injected into the furrow. All wettable parts are stainless steel, providing the ultimate protection against corrosive liquids.

We are very excited to be launching this cost effective system which will allow you to follow your agronomists recommendations with ease and minimal outlay, preparing your crops for what we hope is an excellent season.

Jarrod has been invited to speak and

present our new Liquid-Inject system at an invite only event in Yarrowonga in early February for IK Caldwell.

For those of you who aren't familiar with IK Caldwell, they are a family owned agronomic based company servicing the Goulburn Valley and Southern Riverina regions with branches in Shepparton, Cobram, Rochester, Deniliquin and Corowa.

Caldwells extensive agronomic team deliver a range of services for broadacre, horticulture, viticulture, fodder, rice and summer crop production across these regions. These include on farm advice on pest, disease and weed management, crop inspections, farm planning and recommending in-crop nutrition requirements.

IK Caldwell also do a lot of their own R&D work with extensive trial sites across the whole region that they cover.

Keep your eye out for next months newsletter as we report back on the IK Caldwell event.

IN FOCUS: 1200lt Stoll Custom Trailer with 2 booms...



We recently delivered a neat customized spray trailer for John Stevenson of Warakirri 'Orange Park' Milbrulong. The spray unit featured a 1200lt tank with two booms on a quick-attach system. One boom was a 12m crossfold boom complete with self-leveler and 12 volt electric winch lift. The second boom had 4 nozzles at standard spacings with two off-centre jets for fencelines, all controlled off electric motor valves.

The second boom also had an XP BoomJet on each end giving it an effective spray width of around 12m—making it perfect for jobs such as spraying grasshoppers or doing mop up jobs or small areas where the big sprayer can't get.



The trailer was road registered with LED trailer lights, hydraulic over ride brakes and heavy duty 50mm ball coupling. The spray unit also had mudguards, sprung axle, 100lt flush tank, toolbox, constant pressure boom valves, ARAG control unit with in-cab pressure adjustment and a Honda driven Zeta 85 diaphragm pump with a safety cut-out switch mounted in the cab for the Honda motor.

STOLL'S SMARTER FARMER AWARD

Could you be Stoll's Smarter Farmer for 2009??

Have you built something special, invented something that makes your job that much easier, or implemented a new way of doing things that makes your farm run more efficiently??? If so, you may well be in the running for Stoll's SMARTER FARMER Award. Every month we will feature one nominee and in December the winner be decided by clients votes.

The Farmer with the most votes will be crowned Stoll's Smarter Farmer for 2009 and will receive a huge \$1000 open order at Stoll's!

Nominations must include the Farmers full name, address and contact number along with details and photos. Info to be emailed to Kell at info@stolls.com.au or post them to Stoll's PO Box 5518, Wagga Wagga NSW 2650. **GOOD LUCK!!**

January's Stoll's Smarter Farmer Nomination

Our first nomination in Stoll's Smarter Farmer Award goes to Derek Lewington of 'Churchill Square', Uranquinty. Derek was nominated by myself after seeing his handywork and being very impressed. I was amazed that he got this not only working, but working brilliantly and it was this that gave me the idea for this competition. I'm sure we will see some interesting and very clever ideas/inventions during the year, and hopefully you can take away a few ideas for improving the productivity of your property.

Derek runs the Topcon X20 RTK Autosteer System on his TM165 Tractor. Just before harvest Derek wanted to transfer the screen and components into his header for harvest, but unfortunately a hydraulic kit couldn't be sourced. Derek took the initiative and decided to make his own mechanical autosteer on the header! First he transferred the X20 screen, autosteer ECU and wiring looms across to the header and then sat down to think about the mechanics.

With a plan in mind, Derek then set to work to get the header to steer. Firstly he gathered all the parts he thought that would be required – a windscreen wiper motor off an international truck, a couple of sprockets and a chain off a shearer header, some relays and wiring, and a dog clutch and lever that Derek machined up on the lathe.

With parts in hand he got busy and into the practical side off the installation. After pulling the steering column covers off he mounted up the windscreen wiper motor and put a sprocket on the steering shaft. The sprocket on the steering shaft is driven via a chain and sprocket mounted on the wiper motor shaft. The dog clutch was then installed which quickly and easily engages and disengages the drive, the dog clutch is operated via a lever that you simply press on with your foot. The wiper motor is wired into the X20 so that you simply press 'engage' or 'disengage' on the screen of the X20 to start or stop it autosteering. All in all it is a very clever set-up that works remarkably well.

According to Derek, one of the most difficult things in the whole set-up was the calibration to get it steering properly. If anyone has ever calibrated or seen a hydraulic autosteer system being calibrated you will know that it can be quite a fiddly and time consuming task – imagine doing it with something like this that the software wasn't designed to handle. The hardest things were that the settings you would normally change to make the hydraulics respond in a different way had no bearing on this system. As an example Derek said that in the calibration manuals it would say for a certain setting enter a value of between 10 and 15, and he would actually end up around 45 or so. Therefore it took a lot of time and patience to get it working properly.

Derek completed the 2008 harvest with excellent results – accuracy was within 5cm. There were a few initial slight problems with relays and the motor getting quite hot, but nothing major that can't be fixed. Truly a great result and an excellent example of thinking outside the square. Derek spends a lot of time in the workshop and has a long list of farm implements that he has manufactured himself including his 2000L 18M hydraulic boomspray, 15 tonne chaser bin, 2 x 40 tonne mother bins and 10m airseeder.

All in all a real contender for Stoll's Smarter Farmer award.

Below: a few snapshots of machines built by Derek.



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