

Sheet1

Farm workshop features in Practical Farm Ideas to 19-1	Vol	Issue	Page
10ft hand operated sheet bender uses rail line	16	3	12
40 gall barrel opener cuts time, waste and better then pliers	16	2	12
A better, safer pick up hitch for big tractors and trailers	15	3	8
A cure for a loose drive spline	4	1	36
A good way to mend electric fencing stakes	17	2	47
Adapted sparking plug make useful engine diagnostic tool	13	4	23
Adapting aerosols save waste, keeps tubes intact	15	3	7
Adjustable stand aids pillar / bench drill work	13	1	39
Aerosol cap adapted to protect fragile nozzle	13	3	13
Air brakes retro-fitted to farm trailer	12	1	41
Air compressor converted into multi-function portable power tool	16	1	5
Air con systems need regular use	15	4	30
Air line around workshop provides all-round access	16	2	17
Air line goes around building for quick inflation	11	3	10
Air line reeler	8	4	43
Alarm for Accord, Vicon air drills warns of blocked pipes, coulters	17	3	23
Aluminium spool-on gun, circular saw	19	1	29
Artic trailer converted for tractor	16	3	47
Artic wagon trailer converted to farm use - drawbar fitting	15	4	12
Auger repair idea	7	2	20
Auger repair tool	9	1	29
Auto lubrication for round baler chains	14	1	23
Auto workshop light switch uses PIR switch	17	4	17
Back axle cover remover for Ford 66 and 77 series saves removing c	17	1	25
Baler repair idea	7	3	10
Ball valve uses home made washer	7	3	19
Band saw stand	8	4	9
Bathroom cabinet protects electric distribution boxes in shed	16	2	11
Bathroom sealer prevents rim leaks with tubeless tyres	10	1	12
Battery carrier	9	3	11
Bead breaker good on ATVs	5	4	12
Bead breaker hydraulic	9	2	19
Bead breaker uses bottle jack	5	4	13
Bearings from blind holes	4	4	13
Belt drive replaced with chain for reliability, positive drive	13	4	10
Bench vice has electric actuator for press button adjustment	17	2	37
Bench vice modification	4	1	35
Bent over reflector increases road safety	18	2	31
Big nuts are removed with home made chain wrench	16	1	37
Birthday candle miracle workshop tool	4	3	36
Blocked air cleaner	4	1	36
Bolt thread repairer	7	3	34
Bolts with chewed corners	4	1	35
Bomford hedgetrimmer adapted with hydraulic breakaway	16	3	43
Box section dangers	8	2	21
Brake and fuel line repairs	8	1	11
Braking system on Marshall trailer with tandem axle is improved	17	2	43
Broken JF FCT900 control box replaced by low cost home built versic	16	4	23
Cab lifter	5	4	32
Cab mounting problems cause 3-pt linkage failure	16	3	33
Cable control uses plain ht wire	7	2	38

## Sheet1

Cable cutting with welder	6	4	15
Car lift makes exceptional workshop bench	11	3	16
Car ramps improved	8	3	30
Chain tensioners on straw laying machine use rubber Indespension b	12	3	6
Challenger steel drivers	6	2	8
Changing tractor battery without losing continuity, data	16	1	11
Cheap jigsaw blades	9	4	12
Cleaning out a tractor diesel tank	4	1	35
Cleaning out rust, pain in blind tappings on tractor, implement frames	15	3	6
Cleaning rusty tools with white vinegar	17	4	17
Clearing sprayer nozzles	4	1	35
Clutch changing uses simple splitting trolley	3	2	28
Clutch, cable, converted to hydraulic	5	4	33
Coach bolt removing tool good for telegraph pole fittings	18	4	48
Cog remover for round balers	7	3	5
Cog replacement - You write	10	1	31
Colour coded hydraulic couplers	10	3	25
Colour coded hydraulic pipes for safety and accurate coupling	13	2	44
Combine spares	11	2	44
Commercial axle hub handler tool	12	3	7
Compressor adapted	9	2	15
Concertina rust inhibitor	4	3	12
Converting screen washer to spray hot water	15	3	11
Converting trucks into tractors	9	4	23
Corrosion free hold-up bolts	4	3	36
Crane for workshop came off scrap lorry	3	2	5
Crane jib for farm handler adds lifting capability on farm	15	1	45
Crankcase fumes in cab	5	2	15
Cut-off attachment for 9 in grinder	8	4	44
Cutting vice saves time & toes	10	2	7
Dangers of using gas bottles for compressed air	12	3	25
David Brown / Case bonnet modified after hinge failure destroyed rad	16	1	25
De-mount container makes perfect mobile workshop for contractor	13	3	14
Diesel bowser uses old sprayer tank	13	2	39
Diesel fuel tank has a bund made from a scrap trailer	14	2	20
Diesel tank is useful scrap metal bin	18	2	28
Diesel tank lock design	17	2	46
Distributor gets mackintosh	3	4	10
DIY air conditioning	4	3	39
DIY built big hole cutter for plastic barrels, sheets	18	4	48
Drawbar bush reduces wear on ring, pins	15	3	9
Drawbar rings strengthened	9	3	7
Drawing service for inventors	6	4	31
Drill - bench, makes big holes	3	4	42
Drill bit rack	8	4	4
Drill bit sharpening jig matches bench grinding wheel	14	2	10
Drill lever	10	3	16
Drill press portable	7	3	35
Drill press works up - for making holes in trailer roof	17	1	26
Drill speed reducer for big bits	6	4	15
Drill vice made from trailer jack	5	1	13
Drilling accurate holes in round shafts, tubes	4	4	15

## Sheet1

Drills, cordless, powered by car battery	4	4	15
Dual wheels on Steiger / Ford FW30 has novel band mounting	15	2	39
Dust extractor for DIY sander	7	1	9
Easy way to remove a livestock container from flat trailer	17	4	20
Economic aluminium welding system	3	4	23
Electric drill turns stiff engine	6	3	38
Electric short finder tool uses blown fuse	14	3	21
Electrics - questions answered	5	3	41
Engine tests	7	4	24
Ex-MOD winch adapted to tractor 3-pt	16	3	38
Extension lead reeler	7	1	7
Extra hydraulic service used for mounted fertiliser spreader	17	2	7
Extra' spool valve made using diverter valves	16	4	44
Farm workshop & spanner skills - Farmworld	10	1	19
Farm workshop layout made for efficient working	17	2	48
Farm workshop plans, installation, tools	12	1	36
Fast tractor filling with 2in dia pipe from diesel tank	14	2	46
Fastrac 155 has 240v, extra air capacity	17	3	8
Fastrac axle repair tools - hub remover / bearing installer / diff remova	12	3	7
Fencing tips from NZ expert - book review	15	3	36
Ferret finder pin-points drain blockages	10	1	17
Fertiliser spreader maintenance	12	4	21
Fibreglass repairs for steel slurry tanks	12	1	39
Filling fuel uphill	7	2	37
Fitting a drawbar to artic trailer - top design to copy	17	1	18
Fitting brake on baler wheel adds to safety on slopes	14	3	22
Flat eight grab has self-lubricating design	17	1	44
Flex tidy for electric tools	15	1	11
Fold-out work bench	11	1	7
Folder for steel sheet	6	4	6
Fordson brakes made safer	5	3	20
Fork lift attachment is used to move trailers	16	2	20
Fridge makes perfect store for welding rods	11	3	18
Fridge-freezer makes ideal paint oven	17	3	19
Fuel tank repair kit	3	4	29
Fuel tank, 45 gall, and pump	5	2	25
Garden mower makes welder trolley	18	4	27
Gas bottle is portable air container	12	2	42
Gas bottle trailer uses redundant mobile milk tank chassis	14	2	11
Gas profile cutter is choice for farm workshop	13	2	16
Gasket replacement idea	7	2	15
Gaskets made from clear silicone	3	4	19
Gate drive gets low cost repair	11	4	9
Gearbox can be retro-fitted	8	4	27
Gearbox on Taarup mower is cooled with electric fan	18	1	26
Gears repaired with hard face weld	13	1	37
Get down to welding - it's easier than you might think	16	1	30
Gouging tool sharpener jig holds tool at correct angle	14	2	14
Grease cartridge dispenser	4	1	36
Grease cartridges are filled from bulk barrel with neat adaptor	14	2	21
Grease gun filler	3	4	10
Grease gun holder	10	1	44

## Sheet1

Grease gun holder for tractor	18	4	16
Grease gun holder on tractor is made from silage wrap core	17	4	40
Guard keeps molten metal out of boots	8	3	16
Hacksaw works with tractor hydraulics	9	1	13
Handy vice stand	11	4	14
Hardfacing techniques - workshop	4	3	31
Hi-Spec feeder is re-lined in farm workshop	14	3	46
High capacity bench vice	18	1	10
Holder for plugs on workshop tools improves safety, reduces damage	16	3	27
Home built brake and shear machines	4	3	33
Home made gas profile cutter	18	4	47
Home made wheel clamp	3	1	23
Honda Trike is preferred to quad for spray and field work	16	1	45
Horse box has ramp adapted using Ratcliff hydraulic lift	18	1	22
Hose connections	6	2	39
Hose hanger	11	3	18
How to buy good tools cheaply	19	1	29
How to keep a MIG welder dry and serviceable, even in damp shed	17	2	15
How to make an efficient air line from alkanthene	18	2	31
How to make an oxy profile cutter	18	1	10
Hub cap made using top of grease cartridge	18	4	15
Hydraulic bead breaker gets tyres off fast	3	3	34
Hydraulic check chains	10	2	13
Hydraulic cutter for steel sheet works like giant nibbler	14	1	7
Hydraulic folding lights	4	1	17
Hydraulic hose tidy fits implement drawbar	13	1	37
Hydraulic hoses re-routed for longer life	19	1	14
Hydraulic oil capacity increased	7	3	16
Hydraulic pipes marked with coloured cable ties	14	3	45
Hydraulic press designs	8	3	17
Hydraulic press has 30 ton pressure	12	1	41
Hydraulic press is versatile with interchangeable tools	14	1	10
Hydraulic press uses 6 inch ram	3	3	27
Hydraulic pump rescue	8	1	30
Hydraulic ram sensors	6	1	29
Hydraulic service from digger leg	6	1	15
Hydraulic top link uses fork-lift ram	17	4	9
Hydro oil capacity increased on IH275	5	1	17
IH 484 mods	8	4	20
In-cab water gauge	4	3	37
Injector pump failures	6	1	21
Inner tube rubber bands make universal tools in workshop, farmyard	13	4	22
Jack built-in on harvester	8	1	6
Jack powered lifting table	5	3	18
JCB 2170 Fastrac modified for better driving position	16	4	46
Jig saw blades	7	4	6
Keenan feeder axle mods	6	4	20
Keep machinery in good condition with this home mixed oil recipe	18	1	32
Key-way cutting in pulleys	8	4	31
Key-ways on shafts	9	1	9
Kuhn MDS 1132 fertiliser spreader problems	15	1	19
Ladder stabilisers	5	3	29

## Sheet1

Lamp uses hair dryer stand	3	4	36
Land Rover Defender mud flap repair	17	2	5
Land Rover tail gate gap that breaks sheep legs is successfully modified	16	3	18
Leaks in compressed air systems cost money	16	1	30
LED strobe light provides low cost warning	19	1	40
Lemken Terradisc axle holder made with workshop jig	12	3	8
Level gauge fits on post driver	15	3	7
Leyland 285 clutch solution	8	1	13
Lift / work cage design makes efficient high level work station	12	4	47
Lite-Lift takes the strain	11	4	38
Loader brackets are integral in the frame of adaptor plate	16	3	42
Loader bucket converted to practical work platform	18	2	30
Loader bucket design features	15	1	16
Loader joystick folds out of the way	17	4	43
Lock for tool cabinet is ingenious and hard to bust	17	2	15
Long life PTO guards development	11	4	37
Loose wheel studs and the damage they cause	13	1	35
Loose wheels wear studs into crazy shapes	17	3	14
Low cost vice clamp for pillar drill	14	2	14
Machinery level indicator	8	3	13
Making a farm trailer - the easy way to construct it	13	2	35
Making air lines adaptable	18	1	11
Making identical parts	8	4	30
Making repairs which last	3	1	31
Manitou handler gets a hydraulic footbrake outlet for trailer	17	2	46
Manitou service cable problems solved	12	1	46
Manitou won't start unless door is closed - saves door damage	15	2	22
Marking steel with Tippex is better than chalk or anything else	18	1	11
Metal cutting - tungsten or cobalt ?	7	3	24
Metal working machines bought at low cost	19	1	16
Metalworking machine	8	3	14
Metric made simple	7	4	26
MF loader is moved a Case using home made mounting brackets	17	4	40
Micrometer/calipers digital display	6	4	33
Milk churn trolley handles welder	11	4	15
Mobile bench is heavy duty	3	2	32
Mobile fuel tank fits pick-up	8	1	42
Mobile generator, bowser, compressor	8	1	42
Mobile loading ramp is towed around yard	19	1	43
Mobile steam cleaner has security frame instead of wheel	16	2	11
Mobile work bench has built-in generator	14	4	33
Mobile workshop strip lamp has wheel as base	16	2	20
Molasses tank splits - repair idea	16	4	33
Motorised gas cutter cuts in straight line	13	2	14
Motorway crash barriers make quality gates	18	1	21
Multi-grip	6	1	29
Nail puller	5	2	25
Neat board helps inner tube repairs in workshop	13	3	13
Non-slip jack	11	4	44
Novel crow bar	8	3	15
Nozzles which clean themselves	4	1	25
Nuffield 10/60 gets upgraded hydraulic system	15	1	17

## Sheet1

Oil additive improves engine life, fuel consumption, power	13	4	37
Oil change and tractor and implement servicing reminder	5	4	19
Oil coolers maintain hydraulic performance	11	1	36
Oil filling idea	9	4	22
Oil filter removal tool turned with socket - makes easy filter removal	13	3	15
Oil seal 'grooving' on shafts repaired with sleeve	12	3	6
Oil technology leaps forward	8	3	25
Old tyres get more punctures	17	1	6
Oven cleaner for heavy grease	4	1	36
Overheating engines - Farmworld	11	4	17
Oxy cutter add-on for accuracy	4	4	12
Oxy gas bottle trolley	12	4	42
Parmiter post knocker re-vamp	17	4	44
Parts store in workshop uses old office furniture	17	2	15
Parts washer	4	4	13
Parts washer has safety lid	15	4	11
Parts washer made from dishwasher	3	4	10
Patio heater makes useful heater for workshop	16	2	10
Pillar drill gets variable drive	9	1	15
Pillar drill modifications	8	4	43
Pins made from coach bolts	11	4	14
Pipe bender from car wheel	4	4	14
Pipe bender mounted on Oxford welder	18	1	10
Plant sprayer makes simple fire extinguisher	18	2	28
Power hacksaw	10	2	11
Power hacksaw made from scrap parts	4	4	10
Press tool has 40 ton power with two bottle jacks	11	3	15
Puller - workshop tool	6	2	36
Pulley guards made from plastic tubs	12	3	17
Pulley made tight	4	4	14
Pump driven by DIY drill	7	1	30
Punch made from Haybob tine	4	4	12
Quad bike with dangerous seat adaption	12	4	16
Quick alkathene pipe repair is useful in emergency	17	3	22
Radial vs X-ply	7	3	23
Radiator cleaning tool direct water jet so vanes aren't damaged	14	3	20
Radiator design idea	7	4	35
Radiator fan has reverse pitch for simple cleaning	14	1	24
Radiator filter keeps rad debris free	11	4	28
Radiator leaks are fixed with silicone method	14	3	25
Radiator sweeper, works in all directions	6	2	35
Radius arm drill	13	2	17
Raising air tool performance	10	4	28
Ramps - for tractors	10	2	8
Ratchet strap gets seal on big tubeless tyres	17	1	17
Re-building wear parts	3	1	43
Rear hook on trailer is fitted at correct height	19	1	23
Rear tractor wheel trolley uses bottle jack to provide micro adjustmen	13	3	15
Rebuilding a damaged crank shaft	19	1	17
Reducing metal wear in abrasive soil conditions	16	1	19
Reducing the danger of perspex roof lights	18	3	21
Removing filters	4	3	36

Sheet1

Removing wheels rusted to hubs	12	4	17
Repairing heavy damage to tyres	11	2	47
Repairing New Holland TS115 brakes	15	4	35
Repairing ring feeders to improve strength	14	4	35
Replacing cab glass	19	1	33
Road safety improved by commercial reflectors	18	2	27
Rock Stopper' eliminates stone damage to forage harvester	19	1	44
Rod link trace tool makes changing easy	12	2	32
Roll-about roller supports steel	10	1	12
Roller door draught excluder	19	1	15
Roller door security improved with barrier bar	16	2	15
Roller greasing improved	7	2	11
Rolling barn door made from scrap parts	15	2	10
Rolling work bench good in workshop and outside	12	4	8
Roofing nail removing tool doesn't damage sheets	18	4	48
Rope hooks on trailer are positioned for accurate welding	17	3	45
Round bale gripper better than spike	19	1	41
Round baler has pick-up ring - prevents drawbar pin dragging swath	14	3	19
RSJ frame makes workshop press	6	2	18
RSJ handler	8	1	16
Rusted nut removal method saves bolt damage	15	3	16
Rusted Weeks trailer repaired	16	1	36
Rusty ram pistons repaired	10	4	12
Safety chains for tyre inflation	4	3	37
Safety trailer light	9	2	6
Safety valve gizmo	11	3	48
Sand blaster	5	4	20
Scrap milk tank makes bunded diesel tank - environmentally secure	15	3	16
Sealant guarantees puncture-free life	10	4	28
Sealed bearing greaser	3	4	25
Sealed bearing life prolonged by grease injection	17	1	20
Second axle on converted livestock truck trailer has innovative mount	16	3	13
Security door for workshop	5	2	8
Service records on wall board	3	3	19
Servicing lift makes work on ATVs easy	15	4	37
Servicing methods for Claas forager uses home built stands	14	4	46
Shaft monitor	5	4	18
Shaft monitor	6	1	35
Shear grab sharpener	4	4	12
Shipping container connected to fencer for security	18	2	9
Shipping container converted in fuel tank bund	15	1	44
Shock absorber	4	3	36
Shutter silage wall raised with pre-cast concrete panels	16	4	6
Silage grab repair ideas	9	1	17
Silicone for gaskets	3	4	19
Simba cultivator points refurbished in workshop	15	3	23
Simon bed former rotor made with simple jig	12	3	8
Skid mounted tools like compressors, pumps prevent theft	12	4	46
Skid steer with dangerous, prosectable modification	12	4	16
Small MIG welder adapted for big wire reels	15	4	10
Small pallets made in parts trolleys for busy farm workshop	15	3	6
Socks keep diesel from freezing	11	3	18

## Sheet1

Sophisticated switches - Inventor's Exhibition	4	1	25
Spanner made from cap screw	6	4	7
Spanner rack made to swing away from wall	3	2	17
Spanner set gives two of everything	11	4	39
Spanner: Metrinch	6	2	26
Speedy socket	4	3	36
Splitting trolley	5	1	17
Splitting trolley design	8	3	11
Spring compression tool	10	2	18
Sprung drawbar designs	14	3	31
Squash bottle protects tank filler from dirt	13	2	10
Stabiliser bars for DB1290	7	3	14
Staggered axles improve trailer performance	10	3	15
Stainless steel exhausts	6	1	34
Starting problems - simple cure	11	4	40
Steam cleaner is fitted with header tank for constant water supply	16	2	11
Steel sheet bending machine handles 2.5m lengths 6mm plate	14	1	9
Steel support roller	19	1	30
Steel, its use in farming	7	3	44
Stock shrinkage in workshop - Farmworld	10	2	29
Stocks dual wheel remover uses adapted clamp to push off from ban	17	4	15
Stolen parts warning	5	1	21
Straight edge grinding guide tool	14	2	14
Straw haulage rig gets workshop treatment	19	1	24
Sump oil filler is made from fire extinguisher	14	3	17
Supermarket trolley used as mobile tool box that's easy to use	16	3	42
Syringe oiler	10	3	20
Telehandler repair expert	14	4	30
Telescopic handler is converted for auto-greasing	16	2	39
Temporary car ramp uses steep slope	17	1	8
Temporary repair for damaged tyre valve uses milking liner	17	4	17
Ten tips for trouble-free hydraulics	13	1	25
Tensioning tool for wire netting	15	4	40
The dangers and diagnosis of 'health scare'	15	1	32
The gun that keeps things going - Workshop file	4	1	31
Thread repair method saves axles, rethreading	12	4	17
Tidying up a 30 year old livestock trailer	17	3	44
Tips from mechanics	8	1	23
Tips with the Plasma Cutter	18	1	12
TM 165 workshop diary	10	4	27
Toll cleans out blind threadings that have rust / paint	14	2	15
Tool bench on wheels	7	2	18
Tool box has novel shape	3	2	33
Tool box in pick up has high security, ease of use	15	1	15
Tool box mounted on tractor weight frame doubles as work bench	16	2	5
Tool chest on trailer	7	3	7
Tool for re-bushing shock absorber	15	4	11
Tools at sensible prices	3	1	37
Tools get taped to prevent loss	12	2	8
Top link securer	11	1	32
Top links restored	8	1	17
Tractor breaks tyre bead	4	1	35



## Sheet1

Tractor cab step made safer with rasp bar	18	1	48
Tractor drawbar has lowered ball hitch for Land Rover trailer	17	1	26
Tractor electrics have external 'kill switch' for safety	16	1	36
Tractor gearbox design explained power shift variable transmission	12	2	18
Tractor lifter	3	1	25
Tractor manuals	3	4	21
Tractor ram cover is removed easily	3	3	34
Tractor rear weight non-swinging mounting system	14	4	36
Tractor repairs - splitting trolley	5	1	17
Tractor seat covers inexpensively renewed with vinyl cloth	17	1	7
Tractor service systems	6	4	17
Tractor tyre removing machine	11	3	30
Tractor tyre store uses pallets for safety, ease of access	13	3	17
Tractor wheel aligning tool	6	4	28
Tractor wheel falling off	12	4	42
Tractor wheel handler	3	1	10
Trailed mole plough has clever 3-pt transfers weight to tractor	17	2	23
Trailer rear lights are mounted on flexi board to prevent reversing da	16	3	25
Trailer brake coupling made universal with adaptor	13	2	10
Trailer drawbar has attachment to protect hydraulic hose and lighting	15	4	43
Trailer lighting - cable system saves damage	12	1	44
Trailer parking brake automatic	7	4	20
Trailer punctures reduced by fitting industrial tyres	15	4	25
Trailers bought in 1948 have had major modofications	16	3	25
Transit fitted as mobile workshop	10	1	35
Treating fencing stakes - DIY farm scale method	15	4	14
Truck compressor in workshop	8	3	12
Truck is 'agriculturalised' for road tax	8	1	44
Truck trailer has electric crane for loading bags	16	4	24
Truck-trailer conversion tips	9	2	41
Tungsten Breathrough in earth wearing parts	11	4	26
Tyre bead breaker improves safety and guarantees success	13	1	39
Tyre cutter	6	1	37
Tyre pressure indicator in valve cap	12	1	38
Tyre puncture protection uses Kelvar	3	4	28
Tyre store takes the pain out of sheeting	11	1	19
Tyre tips to save pounds - Farmworld	11	2	24
Tyre valve cap	2	1	35
Tyres - Let's talk	2	2	41
Tyres stored in silage wrap	3	3	33
Unique diesel lock protects valve	17	3	16
Up-graded hydraulic trailer braking	19	1	28
Variable transmission pulley	9	1	15
veterinary syringe is used as a delicate oiler	14	2	21
Vibration damage	7	4	37
Vice attachment on front weight	2	3	16
Vice made from trailer jack	5	1	13
Vice stand	8	4	15
Vice turns, twists, grips	9	3	17
Waltersheid link arm balls stored outside cab	18	4	16
Washer holder	10	2	10
Washing machine drain pipe makes good cable protector	18	1	11

## Sheet1

Waste oil trick helps remove tough nails	15	3	11
Water barrel makes effective engine / pump silencer	16	4	21
Water pipe connector is universal	3	4	28
Water valve control has no ball	15	3	30
Weak timber uprights on building reinforced with concrete pillars	16	3	19
Welder earthing improved by using Mole Grips	15	3	13
Welding bench has open top	4	3	12
Welding safety uses blind	7	4	20
Welding skills	2	4	35
Welding table	8	4	30
Welding techniques, MIG tips, electrodes for special work	12	3	14
Wheel balancing 'on-the-go'	6	4	33
Wheel changing machine based on a trolley jack adds fo safety	15	2	40
Wheel changing trolley uses supermarket wheels	15	4	15
Wheel hub converter	5	2	11
Wheel lugs strapped on	6	4	27
Wheel Nut Indicators - Farm IDEAS Offer	18	1	37
Wheels storage safety idea	7	3	18
White marker board for workshop wall is made from lorry panel	18	1	11
Windscreen scratches removed like magic for minimal cost	13	1	35
Wine corks make emergency ball valve seal	10	1	17
Work bench on wheels	3	3	18
Work bench uses railway line	3	4	36
Work bench, roll-on-roll-off	6	1	20
Work platform for loader	9	3	17
Work platform has extensions that expand to 20ft	18	2	13
Workshop bench always level	7	3	11
Workshop bench has top features	15	4	37
Workshop bench is re-designed	8	4	40
Workshop centre of big farm operation	12	3	5
Workshop compressor is mounted on pallet for security	16	2	10
Workshop crane find many uses - Farm Walk	10	2	45
Workshop door - toughened	10	1	6
Workshop door lock riddle	8	4	12
Workshop door made secure	5	2	8
Workshop drill cheap to make	7	4	30
workshop drill on 3-pt	7	4	7
Workshop focus	5	1	18
Workshop heater burns 1/2 litre / hour of waste sump oil - building ins	13	3	20
Workshop heater made from 6ft steel tank	16	3	7
Workshop heater uses waste sump oil	12	3	42
Workshop implement gantry	4	1	34
Workshop intercom	10	3	45
Workshop layout aids tidyness	14	4	38
Workshop light	9	4	10
Workshop light designed on 'anglepoise' line	3	3	25
Workshop organiser makes it easy to find what you need	16	3	24
Workshop partitioned with curtains	7	1	9
Workshop press 'gets used every day'	4	1	10
Workshop press built to service disc harrows	14	4	11
Workshop press design uses old hand pump	13	2	43
Workshop press is powered ny simple bottle jack	16	3	25

## Sheet1

Workshop press makes useful crimping tool	18	1	10
Workshop ramp takes big weights	8	4	17
Workshop security methods keep tools, parts safe	16	1	45
Workshop storage idea uses 25l containers cut in half	14	2	47
Workshop stove made using digger bucket	18	4	15
Workshop tips and tricks with Billy Young	18	1	10
Workshop tools - plans	4	4	42
Workshop trestle bench 'always flat'	8	1	29
Workshop vacuum uses 40gall drum as collector	14	2	21
Workshop without the "where is it"?	11	3	44
Worn Land Rover springs fitted with lifters increase ground clearance	13	2	25
Yard light is mounted to minimise shadows	17	4	43