

agria



agria

Your partner for all 4 Seasons!

Overview

professional Equipment for usage municipalities, landscapers, service companies to reduce time, increase the working result, save time and human resources => increase your working performance and profit!

**“for those,
who expect professional results”**

agria have to date produced well over one million machines and this is how **agria** came into being.

The company was established in the south west of post-war Germany in the federal state of Baden-Württemberg. Like so many things at that time the beginnings of the firm were characterised by the lack of resources but also by pioneering work to make a fresh start.

The founder of the Möckmühl Machine Factory was Erwin Mächtel who together with his partner and Technical Director Dr. Ing. Otto Göhler managed in 1945 to re-locate a company.



The first powerhoe is born

In response to the market needs of the time (especially the many vintners in the vicinity) Mess. Mächtel and Göhler were encouraged to produce their first powerhoe, a project which carried the name Möckmühl round the world.

In many ways the name **agria** is now synonymous with powerhoe!

The agria powerhoe!

In 1946/47 the first prototypes of a non wheeled powerhoe were being constructed with restriction on available metal and rather ingenious testing facilities. Soon the wheeled version followed.

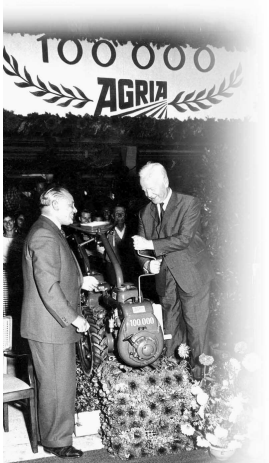
The specialisation into the manufacturing of machines and attachments for the agricultural and forestry industries was inevitable.

The success of the little machine

The first **agria** powerhoe was created but how can you proceed without money or materials? Thanks to the Marshall-Plan, the post-war economic wonder took its course.

In 1948 the 100th machine was made.

In 1958 the 100.000th machine was unveiled at the German Agricultural Fair by the then Minister and later Prime Minister Dr. Lübke.



60 years

Today the **agria**-Werke GmbH is one of the leading companies in the manufacture and sales of machines or horticultural, green land and estate maintenance catering for the professional and the private customer.

In the year 2007, **agria** looked back at 60 years of history, in the year 2001 we reached the 1.000.000th machine.



Machines up to 22 HP are build in recently modernised buildings, at four assembly lines and two assembly places.

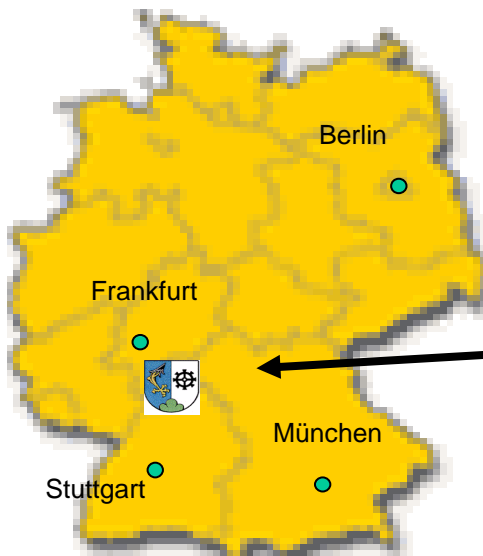
After 60 years of know-how and experience the name agria stands for progress, quality and service.

agria provides today professional Equipment for usage municipalities, landscapers, service doing companies.

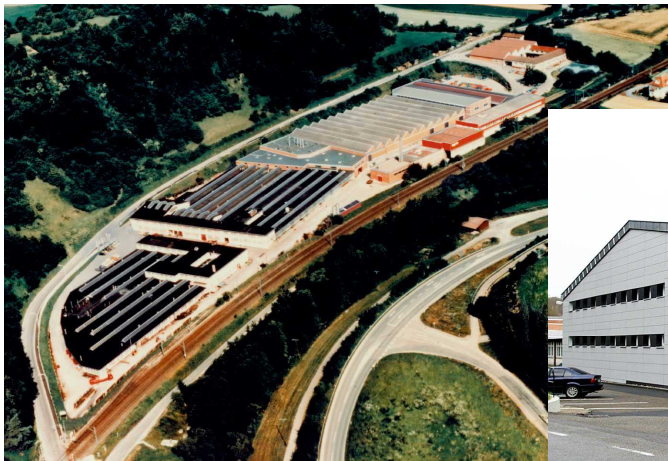
agri^a



agri^a 1947, Möckmühl



City of Möckmühl



agri^a 2010, Möckmühl



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professional Equipment for usage municipalities, landscapers, service companies to reduce time, increase the working result, save time and personal => increase your profit!

Two-Wheel Tractor / Implement Carriers

**“for those,
who expect professional results”**

Two-Wheel tractors

3400 Diesel

agria



3400 524 agria 3400 D

Two-wheeled tractor with 7.4 kW (10 DIN-HP) Yanmar L 100, diesel engine, recoil starter,

Differential gear with lock, double disc dry clutch, 8 speed mechanical gearbox (4 forward and 4 reverse gears), speeds 1.0/ 1.9/ 3.25/ 7.1km/h on tyres 5.0-10 tractor type

handlebar vertically and laterally adjustable without tools, can be rotated by 180°, implement clutches, multi-t rack hubs, delivery without wheels, Weight: 122,0 kg



3490 411 Pair driving wheels 5.00-12 AS

Weight: 28,0 kg



5990 611 Pair driving wheels 23x8.50-12 AS

Weight: 32,2 kg



3400 544 agria 3400 KL D

Two-wheeled tractor with 7.4 kW (10 DIN-HP) Yanmar L 100, diesel engine, recoil starter, additional for more control single wheel steering brake clutches, without wheels

Weight: 141,0 kg





3400 KL Version

Single wheel steering brake clutch allows the machine to be handled safely and accurately in curves without any decrease in speed

The PTO speed is independent of the driving speed thus allowing adaptation to differing soil conditions while maintaining the PTO speed

Fully reversible handlebar allows for change from front mounted attachment to rear mounted attachment thus increasing utilisation of the machine

Mechanical gears – 4F / 4R, with same speeds in both directions





agria 3400 KL

Rotary Harrow in service on stone path



agria Weed Brush



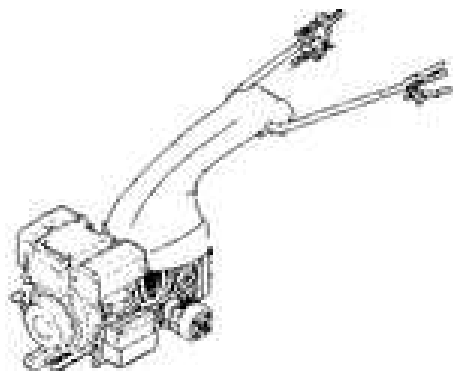
agria Rotary Harrow



agria Stone burier

Two-Wheel tractors 2500 hydro Diesel

agria



2500 521 agria 2500 Hydro D

Two-wheeled tractor with 7,4 kW (10 DIN-HP) Yanmar L 100 4-stroke diesel engine, recoil starter, smooth hydrostatic drive, adjustment with cockscomb handlebar, speeds forward: 0-7 km/h; reverse: 0-3,6 km/h with tyres 23x8.5-12 AS, single disc dry clutch, p.t.o independent of gear speed (direction of rotation identical for forward and reverse travel) handlebar vertically and laterally adjustable without tools, rotatable 180° hydraulic single-disc brake steering, front support leg, tachometer, hour meter, delivery without wheels

Weight: 257,0 kg



5990 611 Pair driving wheels 23x8.50-12 AS

Weight: 32,2 kg



3490 411 Pair driving wheels 5.00-12 AS

Weight: 28,0 kg



- Infinitely adjustable hydrostatic drive
- Reversible handlebar without tools and work 180°
- Infinite lateral adjustment of axle for optimal balanced machine according implement
- Independent electric PTO clutch



agri^a Rotary Harrow



agri^a Flail Mulcher

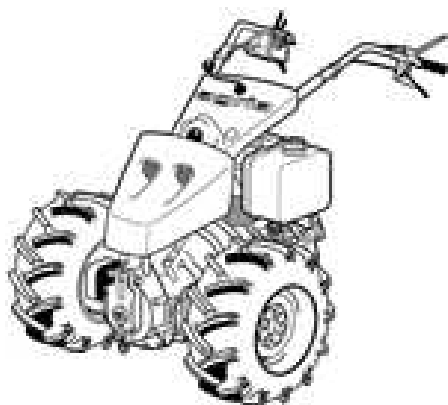


agri^a flange, all professional equipment implements can be mounted, working sizes according engine power!

Implement Carriers

5900 Bison Diesel

agria



5900 141 agria 5900 Bison Diesel

Tool carrier with 7.4 kW (10 SAE HP) Yanmar L 100 four-stroke diesel engine, recoil starter, single dry clutch,
=> Hydrostatic drive, with power-steering, speeds forward 0-6 km/h, reverse 0-4 km/h,
drum brakes on both sides, P.T.O. independent of gear speeds,
=> rubber cushioned handlebar, Vibration damped! laterally and vertically adjustable without tools, with engine-hour indicator,
Inclusive Terra-tyres 23x8.50-12 AS, without implements
Weight: 229,0 kg

5939 011 Partial axle assembly kit

For displacement of the center of mass for perfect balancing
Weight: 32,2 kg

The perfect combination of power and comfort:



Hydrostatic drive simplifies reversing, allows for infinitely variable speeds, smooth acceleration and reduced clutch wear

Active Steering Support – easy and secure handling and control of the machine!

Handlebar – vibration damped!

Central parking brake allows the machine to be safely parked on slopes or braked securely, when using the PTO in stationary operation

Portal axle assembly kit recommended!

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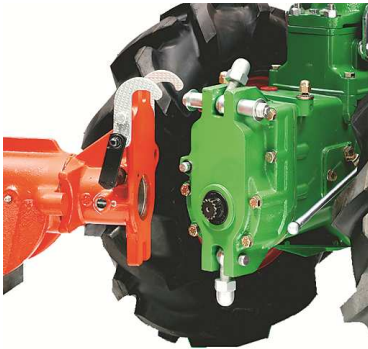
agria Flail Mulcher



agria Weed Brush



agria Stone Burier



agria Implement Coupling

The flange based design with top mounted couplings allows longevity and safety for the professional user.

The flange is a positive locking, frictional connection and is equipped with an integral gear box.

The PTO shaft speed is 800 to 1000 rpm, depending upon engine speed. Direction of rotation: clockwise.

The coupling flange is fitted to the **agria 3400, 5500, 5900** and **2500 hydro** series machines.



The steering brake clutch

agria KL machines and **agria 2500 hydro** are provided with a steering brake clutch providing more comfort. When turning the machine one wheel will brake and de-clutch whilst the other wheel will continue to move.

This ensures that the machine can be operated safely and accurately, optimum control-able.



Multi-track hubs

Various **agria** machines are fitted with multi-track hubs. These two-stage hubs, in combination with cage wheels, allow four different track widths using only one pair of wheels.



Hydrostatic drive

Machines with hydrostatic drive are controlled with the coxcomb lever to give the optimum driving speed, forward and reverse free adjustable.

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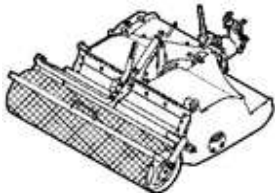
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Implements / Attachments

**“for those,
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Stone burier

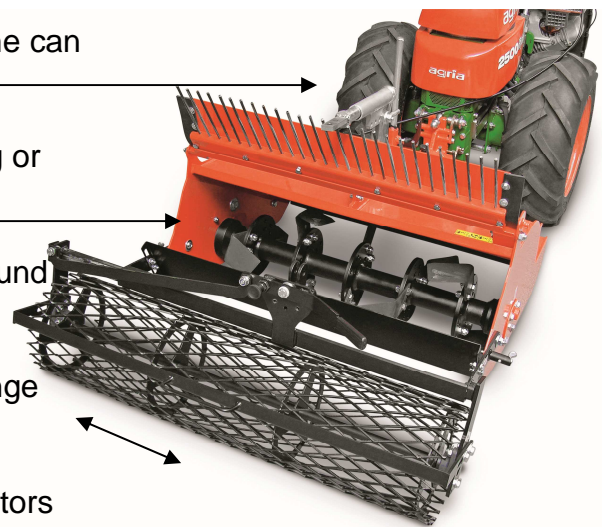
agria



3412 015 Stone burier U 70

Working width 70 cm, working depth 14 cm (PG 3)
121,0 kg

- Patented quick lift out of the soil, that the machine can be turned easily, saves time
- Patented quick opening mechanism, for cleaning or remove wrong materials
- changeable Filters / Screen for different soil/ ground types
- Roller position tool-less changeable for fast change from right- to left-aligned working
- Optimized designed and fitted for 2 wheeled tractors and tool carriers
- compact stable design, less required power



Technical Data

Item Number	3412 015	3412 025
Working Width	70 cm	80 cm
Power Requirement	11 HP	11 HP
Working Depth	145 mm	145 mm
Milling Discs	4	5
Weight	135 kg	148 kg
Machine Width	950 mm	1050 mm
Length	1222 mm	1222 mm

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before **agria**

- ⇒ stoney
- ⇒ lawn surface holes
- ⇒ not nice outlook

after **agria**

- ⇒ nice soil
- ⇒ perfect result
- ⇒ ready for seeding



agria 3400 KL Diesel





agri^a 5900 Taifun

The stone burier saves the user from having to gather up stones because stones and foreign objects are sieved out, buried and covered with a layer of fine earth.

Working Deepness up to 14 cm.

- => Optimum rejuvenation of old lawns
- => A fine seed bed in one operation
- => Patented Overload Clutch – Security!



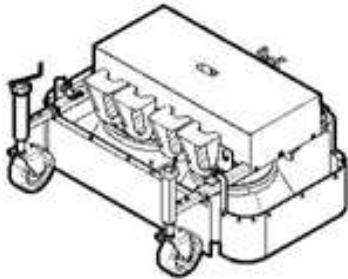
agri^a 5900 Bison Diesel



agri^a 2500 hydro

Weed Brush B100

agria



2594 844 Weeding brush B 100

With twisted knot wheel brushes, working width 100 cm
Steel brushes, with adjustable heights, with splash guards

Machine Weight: 152,0 kg

Fixable to **agria 3400, 2500 hydro, 5900 Bison**, agria carriers with agria flange



- Working width: 100 cm
- 2 Steel brushes, rotating against each other, brushed material will be turned into the middle for easier collecting, p.e. with **agria 7100** cleanstar Sweeper
- Brushes variable in height adjustable – left side / right side!
- Splash guards – left side / right side useable!
- 2 different types of steel brushes available!

Perfect mechanical weed control, best results!

taking away Grass, Reed, Weed on grounds, stones and special at the corners!

Mechanical weed control!

taking away Grass, Reed, Weed on grounds, stones and special at the corners!



before

after – the rest material can be collected with
p. E. agria 7100 Cleanstar Sweeper

Mechanical weed control!

taking away Grass, Reed, Weed on grounds, stones and special at the corners!



in **action**



after – materials will be brushed to center

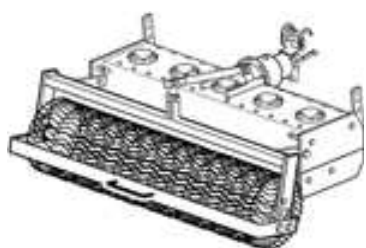
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Rotary Harrow

agria



3477 332 Front mounted power harrow K 75

For soil cultivation and levelling, particularly suitable for preparing lawns and garden areas, rotary cultivating of plant and seed beds, for cultivating and levelling, rotating tools, working width 75 cm
Weight: 117,0 kg

3477 342 Front mounted power harrow K 90

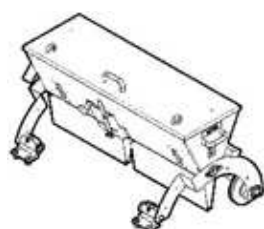
working width 90 cm, mounted lawn sowing machine adaptable,
Weight: 122,0 kg

- Perfect ground levelling for new planting or sowing grass seed!
- Ideal for getting rid of damage to fields!
- also for stone or ash paths and areas!



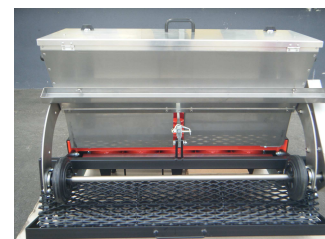
Roller for pressing the soil, also for height adjustment of the harrows!

Soil Preparation, levelling and sowing in One-Working Step!



3487 342 Mounted lawn sowing machine S 90

for mounting on to item 3477 342
Weight: 29,0 kg



Flail Mulcher

agria



3456 532 Heavy duty rotary mulcher 80

for even cut of high grass, rank growth, vine shoots and trees up to a diameter of 4 cm, with knife brake and free wheel, cutting height adjustment from 40 to 55 mm, working width 80 cm
118,0 kg

3456 941 Front guide wheel

to fit 3456 532, 3,5 kg

Safe husbandry thanks to innovative technology:

- Robust design for the most difficult tasks in landscape husbandry
- Cuts and shreds wood of up to 40 mm thickness
- Highest degree of safety for the operator and passers by through blade brake and swinging blade tip
- Highest degree of safety for the implement carrier's drive train through swinging blade tip
- Optimally matched to **agri**a implement carriers



„Blade brake“, within 5 seconds stops“!

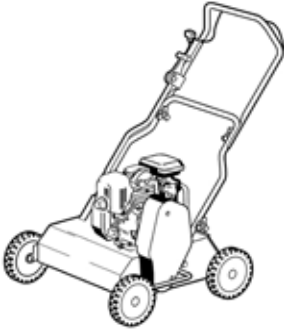
Security clutches by overload for to save the machine and the carrier!

Inside special and robust design to cut safely and under best results!

Closed housing, near to ground, reduces danger of „flowing stones“

Verticutters

agria



8200 983 agria 8200-V4

Verticutter with 3.4 kW (4.5 SAE-HP) Honda GC 135, OHC 4-stroke petrol engine, recoil starter, steel sheet housing with movable rear flap, cutter spindle can be engaged from handlebar via V-belt clutch, working depth adjustable (step less) with rapid transport adjustment device, handlebar folds without tools, working width 40 cm. Weight: 37,0 kg

Optional:

789 48 Engine-hour indicator 0,1 kg

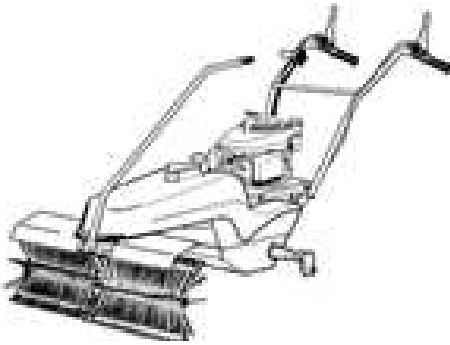


- Robust verticutting blades made from special hardened steel give perfect results
- The depth of verticutting is precise to the millimetre and can be infinitely adjusted to cope with differing ground conditions
- A belt-driven clutch allows easy switching from the handlebar
- Folding handlebar allows easy transport of machine

Sweepers

7100 Cleanstar

agria



7100 151 agria 7100 Cleanstar comfort coarse 100

Sweeper with 4.1 kW (5.5 SAE-HP) Honda GCV 160, OHC 4-stroke petrol engine, 1 forward and 1 reverse gear, 2.8 km/h, brush drive speed variable, with coarse bristles, brush diameter 35 cm, sweeper brush vertically adjustable (step-less) without tools, can be swivelled in steps, working width 100 cm, without wheels
Weight: 98,0 kg



7190 061 Pair driving wheels

Lawn tread tyres 13x5.0-6
6,5 kg



6194 221 Refuse collector bin 100

To fit items 7100 151 & 7100 161, 7100 221 and 7100 321, working width 100cm
13,0 kg



6194 481 Water sprinkler

4,0 kg



multifunctional

agria

Suitable Implements for all 4 seasons!

OutdoorPowerEquipment for highest comfort and working success!



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