



# Agromehanika

*manufacturing since 1968*

## AGT compact tractors

### SIMPLE and EFFECTIVE



UNIVERSAL



WIDE RANGE OF OPTIONAL EQUIPMENT



EXCELLENT PRICE VS. QUALITY RATIO



MADE IN SLOVENIA (EU)

AGT compact tractors offer users versatility, adaptability and economy.

AGT tractors are constructed for use in vineyards, orchards, steep and difficult terrain. Ideal for forestry, farming & ground care etc.

The use of modern components and simple technical design ensures high quality but with the added value of low-cost maintenance.



[www.agromehanika.si](http://www.agromehanika.si)



## AGT compact tractors

# AGT 835

## 27 kW (35 hp)

- Articulated steering with small turning circle.
- Adjustable width from 112 to 150 cm.
- 6Fw X 3Rv gearbox.
- Optional: semi cab, front PTO and front 3-point linkage.
- The low centre of gravity with the front axle situated just behind the engine ensures an even distribution of weight between both axles when using a rear attachment. It also gives better traction on the ground.
- To ensure the best traction the chassis has 15° oscillation which helps keep all 4 wheels in contact with the ground even on the undulating terrain.
- Permanent 4 WD and a front differential lock ensure maximum traction in all situations.



### Technical data AGT 835

<b>Chassis</b>	Articulated with 15° oscillation • Permanent 4 WD • Hydraulic steering • Turning circle 290 cm • Standard wheels 7.50x16			
<b>Engine</b>	4 – stroke diesel with direct injection			
	<b>Producer:</b> Lombardini (Italy)	<b>Type:</b> LDW 1603	<b>Power:</b> 27 kW / 35 hp	
	<b>Displacement:</b> 1.649 cm <sup>3</sup>	<b>N° Cylinders:</b> 3	<b>Emissions:</b> Euro 3A	
	<b>Max. engine rpm:</b> 2.800	<b>Cooling:</b> water	<b>Tank capacity:</b> 28 l	
<b>Transmission</b>	9 – speed mechanical gearbox • 6 forward / 3 reverse • speed 2,4 - 22 km/h			
<b>Rear PTO</b>	540 / 1.000 rpm • mechanical engagement • profile 1" 3/8 with 6 splines			
<b>Rear lift hydraulics</b>	3 – point linkage cat. I • capacity 900 kg			
<b>Hydraulic pump</b>	Capacity 21,80 l/min • working pressure 140 bar (adjustable till 180 bar)			
<b>Differential lock</b>	On front axle • mechanical engagement			
<b>Brakes</b>	On rear axle • mechanical			
<b>Dimensions</b>	<b>Width:</b> 112 cm	<b>Length:</b> 290 cm	<b>Height:</b> 200 cm	<b>Weight:</b> 980 kg
<b>Wheels</b>	7,50x16	260/70 R 16	27x10,5x15	31x15,5x15
<b>External width</b>	112 cm	127 cm	130 cm	150 cm
<b>Ground clearance</b>	25 cm	26 cm	20 cm	23 cm
<b>Standard version</b>	Wheels 7,5x16 with adjustable rims • rear PTO 540/1.000 rpm • differential lock on front axle • rear 3–point linkage system cat.I • 1 double acting valve with 2 quick couplings • 1 single acting valve with 1 quick coupling • folding safety roll bar • safety belt • adjustable padded seat • drawbar • electrical power point • rpm counter			
<b>Options</b>	<b>Semi-cabin • front PTO 1.000 rpm • front 3-point linkage (capacity till 400 kg; cat. 0)</b> • front and rear loaders • wheels • metallic black colour • additional hydraulic valves • hydraulic pump 39 l/min • Fiberglass bonnet • wheel weights and extensions • quick coupling system for rear lift hydraulics (cat.I / II) • rotation light • tool box • comfort seat • adapter for trailers with hydraulic brake • additional mirror			



# AGT compact tractors

## AGT 835 TS 27 kW (35 hp)

- Front axle steering.
- 8Fw X 4Rv synchronised gearbox. Max. speed of 30 km/h
- Adjustable width from 125 to 160 cm
- 540/1000 RPM PTO with separate clutch.
- Optional: cabin, semi cab, front PTO and front 3-point linkage.
- The low centre of gravity with the front axle situated just behind the engine ensures an even distribution of weight between both axles when using a rear attachment. It also gives better traction on the ground.
- To ensure the best traction the chassis has 15° oscillation which helps keep all 4 wheels in contact with the ground even on the undulating terrain.
- Permanent 4 WD and a front & rear differential lock ensure maximum traction in all situations.



### Tehcnical data AGT 835 TS

<b>Chassis</b>	Rigid with 15° oscillation • Permanent 4WD • Hydraulic steering • Turning circle 340 cm • Standard wheels 7.50x16			
<b>Engine</b>	4 – stroke diesel with direct injection			
	<b>Producer:</b> Lombardini (Italy)	<b>Type:</b> LDW 1603	<b>Power:</b> 27 kW / 35 hp	
	<b>Displacement:</b> 1.649 cm <sup>3</sup>	<b>N° Cylinders:</b> 3	<b>Emissions:</b> Euro 3A	
	<b>Max. engine rpm:</b> 2.800	<b>Cooling:</b> water	<b>Tank capacity:</b> 28 l	
<b>Transmission</b>	12 - speed synchronised gearbox • 8 forward / 4 reverse • speed 1,17 - 30 km/h			
<b>Rear PTO</b>	540 / 1.000 rpm • mechanical engagement • profile 1" 3/8 with 6 splines • safety clutch			
<b>Rear lift hydraulics</b>	3 – point linkage cat. I • capacity 900 kg			
<b>Hydraulic pump</b>	Capacity 21,80 l/min • working pressure 140 bar (adjustable till 180 bar)			
<b>Differential lock</b>	On front and rear axle • mechanical engagement			
<b>Brakes</b>	On rear axle • mechanical			
<b>Dimensions</b>	<b>Width:</b> 125 cm	<b>Lenght:</b> 290 cm	<b>Height:</b> 210 cm	<b>Weight:</b> 980 kg
<b>Wheels</b>	7,50x16	260/70 R 16	27x10,5x15	31x15,5x15
<b>External width</b>	125 - 134 cm	135 - 145 cm	138 cm	154 - 160 cm
<b>Ground clearance</b>	27 cm	26 cm	22 cm	24 cm
<b>Standard version</b>	Wheels 7,5x16 with adjustable rims • rear PTO 540/1.000 rpm • differential lock on front and rear axle • rear 3–point linkage system cat.I • 1 double acting valve with 2 quick couplings • 1 single acting valve with 1 quick coupling • folding safety roll bar • safety belt • adjustable padded seat • draw-bar • electrical power point • rpm counter			
<b>Options</b>	<b>Cabin with heating and ventilation • front PTO 1.000 rpm • front 3-point linkage (capacity till 400 kg; cat. 0) • front and rear loaders • wheels • metallic black colour • additional hydraulic valves • hydraulic pump 39 l/min • Fiberglass bonnet • wheel weights and extensions • quick coupling system for rear lift hydraulics (cat.I / II) • rotation light • tool box • comfort seat • adapter for trailers with hydraulic brake • additional mirror</b>			



# AGT compact tractors

## AGT 850 / 860

### 35,5 - 45 kW (48 – 60 hp)



- Front axle steering mono direction or Bi-Directional models.
- 12Fw X 12Rv synchronised gearbox with forward to reverse shuttle.
- Adjustable width from 125 to 170 cm
- Optional: cabin, semi cab, front PTO and 3-point linkage.
- The low centre of gravity with the front axle situated just behind the engine ensures an even distribution of weight between both axles when using a rear attachment. It also gives better traction on the ground.
- To ensure the best traction the chassis has 15° oscillation which helps keep all 4 wheels in contact with the ground even on the undulating terrain.
- Permanent 4 WD and a front & rear differential lock ensure maximum traction in all situations.

Technical data AGT 850 / 860

	AGT 850 NR	AGT 850 Bi-Directional	AGT 860 NR	AGT 860 Bi-Directional		
<b>Chassis</b>	Rigid with 15° oscillation • Permanent 4 WD • Hydraulic steering • Turning circle 390 cm • Standard wheels 7.50x16					
<b>Engine</b>	4 – stroke diesel with direct injection					
<b>Producer</b>	Lombardini (Italy)					
<b>Power</b>	35,5 kW / 48 hp	35,5 kW / 48 hp	45 kW / 60 hp	45 kW / 60 hp		
<b>Displacement</b>	2.198 cm <sup>3</sup>					
<b>N° Cylinders</b>	4					
<b>Type</b>	LDW 2204 • EURO 3A		LDW 2204 Turbo • EURO 3A			
<b>Max. engine rpm</b>	2.800					
<b>Tank capacity</b>	29 l		27 l			
<b>Transmission</b>	24 - speed synchronised gearbox with inverter • 12 forward / 12 reverse • speed 0,60 - 30 km/h					
<b>Rear PTO</b>	• Synchronised with gearbox • 540 / 750 rpm • mechanical engagement	• Independent & Synchronised with gearbox • 540 rpm • electro-hydraulic engagement	• Synchronised with gearbox • 540 / 750 rpm • mechanical engagement	• Independent & Synchronised with gearbox • 540 rpm • electro-hydraulic engagement		
<b>Rear lift hydraulics</b>	3 – point linkage cat. I • capacity 1.080 kg					
<b>Hydraulic pump</b>	Tandem pump • capacity 39,20 l/min • working pressure 140 bar (adjustable till 200 bar)					
<b>Differential lock</b>	On front and rear axle • mechanical engagement	On front and rear axle • electro-hydraulic engagement	On front and rear axle • mechanical engagement	On front and rear axle • electro-hydraulic engagement		
<b>Brakes</b>	On rear axle in oil bath • mechanical					
<b>Dimensions</b>	<b>Width:</b> 125 cm	<b>Length:</b> 290 cm	<b>Height:</b> 210 cm	<b>Weight:</b> 1.350 kg		
<b>Wheels</b>	7,50x16	7,50x18	260/70 R 16	280/70 R 18	27x10,5x15	31x15,5x15
<b>External width</b>	125 - 134 cm	125 - 134 cm	134 - 145 cm	142 - 157 cm	140 cm	154 - 170 cm
<b>Ground clearance</b>	27 cm	29 cm	25 cm	29 cm	21 cm	24 cm
<b>Standard version</b>	Wheels 7,5x16 with adjustable rims • rear PTO with 540/750 or 540 rpm • differential lock on front and rear axle • rear 3–point linkage system cat.I • 1 double acting valve with 2 quick couplings • 1 single acting valve with 1 quick coupling • folding safety roll bar • safety belt • adjustable padded seat • drawbar • electrical power point • rpm counter • fuel counter					
<b>Options</b>	<b>Cabin with heating and ventilation • front 3-point linkage (capacity till 400 kg; cat. 0) • front and rear loaders • wheels • metallic black colour • additional hydraulic valves • hydraulic pump 47,60 l/min • wheel weights and extensions • 3PL double acting cylinders • adjustable rear lift arms with quick coupling system (cat.I/II) • hydraulic strainer • bonnet protection • rotation light • tool box • comfort seat • adapter for trailers with hydraulic brake • additional mirror</b>					



## Special versions of AGT tractors



### Narrow version:

#### AGT 835

- Suitable for use in narrow places.
- Articulated steering chassis with external width from 95 to 100 cm.
- Possibility of front PTO and front 3-point linkage.

### Forest version :

#### AGT 835

- Suitable for use in forestry.
- Articulated steering chassis with semi – cabin.
- Fitted as standard: front logging blade, full forestry guarding with protection for engine, etc.



### Mountain version:

#### AGT 850 / 860 Bi-Directional

- Suitable for very steep slopes with side angles of 45° depending on ground conditions.
- Rigid front axle steering version with reversible seat and dashboard (Bi-Directional).
- External width of 195 cm.
- Standard specification with wide wheels and floating hydraulics, which enables the implements to follow the contours of the ground..
- Optional: semi or full cab with heating and ventilation, and front 3-point linkage.



## AGT black version:



## Tractors AGT 835 TS and AGT 850 / 860

- For the users, which appreciate image!! Attractive look of AGT tractor in combination of metallic black-gold colour.
- Standard specification: fiberglass bonnet, metallic black-gold colour and luxury steering wheel.
- Optional: full cab with heating and ventilation, front 3-point linkage and front PTO (only by AGT 835 TS).



CNC lathe machine



Laser cutting machine



Powder coating line

Quality assured production certification from German institute DEKRA.



The description and illustrations in this brochure are provided simply for information purposes; they are not binding and may be varied at any time without notice.

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