





## Planter fertilizer tillage drag

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs. Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, coated rubber.
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated wheelset with hydraulic cylinder to raise the machine.
- Articulated coulter disc to soil attack I6" at I8" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.

OPTIONAL: Coulter disc I6" at I8" turbo, fertilizer's double disc in I4" and I5", hydraulic line marker, pantographic line, lateral wheelset to transport, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

	Lines Useful width for		Consoituline	Capacity	Weight empty	Wheelset tires		Tractor	
Models	Lines	planting (mm)	Capacity Line Spacing (cm)	Fertilizer (kg)	Seed (kg)	(kg)	qtd	ply	Power (cv)
GA 2700-P	7	2990		850	466	2.320			70
GA 2600-P	6	2660	45	690	384	2.170	2	6.50/16	60
GA 2500-P	5	2660		690	384	2.020			

				Capacit	у	Mainht amata	Wheelset tires		Tractor	
Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Fertilizer (kg)	Seed (kg)	Weight empty (kg)	qtd	ply	Power (cv)	
GA 2900-A	9	3780		840	441	2.480			75	
GA 2800-A	8	3380		740	399	2.330			70	
GA 2700-A	7	2990	45	640	357	2.180	2	6.50/16		
GA 2600-A	6	2660		540	315	2.030			60	
GA 2500-A	5	2660		540	315	1.880				

<sup>\*</sup> The Factory spacing default in the wheelsets lines is 50 (cm) - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

<sup>-</sup> The above settings are factory defaults, but the customer can request changes to your preference.





#### who compares purchase



# Planter fertilizer tillage drag

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, coated rubber.
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated wheelset with hydraulic cylinder to raise the machine.
- Articulated coulter disc to soil attack I6" at I8" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.

**OPTIONAL:** Coulter disc **16**" at **18**" turbo, fertilizer's double disc in **14**" and **15**", hydraulic line marker, pantographic line, lateral wheelset to transport, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Fertilizer Seed (kg) (kg)		Whe	elset tires ply	Tractor Power (cv)	
GA 21300-PP	13	5600		1.630	1.266	4.500			130
GA 21200-PP	12	5150		1.470	1.149	4.079		6.50/16	120
GA 21100-PP	11	4700	45	1.310	1.032	3.738	4		110
GA 21000-PP	10	4380	13	1.150	640	2.770	4		100
GA 2900-P	9	3780		1.170	630	2.620			90
GA 2800-P	8	3380		1.010	548	2.470			80

<sup>\*</sup> The Factory spacing default in the wheelsets lines is 50 (cm) - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

<sup>-</sup> The above settings are factory defaults, but the customer can request changes to your preference.





### Planter fertilizer tillage drag with seed ejector's bucket

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs. - Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, coated rubber.
- Double disc lagged for seed attack to the soil 14" and 15".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated wheelset with hydraulic cylinder to raise the machine.
- Articulated coulter disc to soil attack I6" at I8" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.

OPTIONAL: Coulter disc 16" at 18" turbo, fertilizer's double disc in 14" and 15", hydraulic line marker, pantographic line, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

	Useful width for			Ca	pacity	Weight empty	Wheelset tires		Tractor
Models	Lines	planting (mm)	Capacity Line Spacing (cm)	Fertilizer (kg)	Seed (kg)	Weight empty (kg)	qtd	ply	Power (cv)
GA 2900-B	9	3780		1.170	415	2.620			90
GA 2800-B	8	3380		1.010	369	2.470			80
GA 2700-B	7	2990	45	850	323	2.320	2	6.50/16	70
GA 2600-B	6	2660		690	277	2.170			60
GA 2500-B	5	2660		690	231	2.020			60

Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Ca <sub>l</sub> Fertilizer (kg)	Seed (kg)	Weight empty (kg)			Tractor Power (cv)
GA 2900-LB	9	3780		840	441	2.480			75
GA 2800-LB	8	3380		740	339	2.330			70
GA 2700-LB	7	2990	45	640	357	2.180	2	6.50/16	
GA 2600-LB	6	2660		540	315	2.030			60
GA 2500-LB	5	2660		540	315	1.880			

<sup>\*</sup> The Factory spacing default in the wheelsets lines is 50 (cm) - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

The above settings are factory defaults, but the customer can request changes to your preference.

## GA 2500 - E





+55 54 3331-4044





## Economical planter fertilizer tillage drag

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, coated rubber.
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated wheelset with hydraulic cylinder to raise the machine.
- Articulated coulter disc to soil attack I6" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.

OPTIONAL: Coulter disc I6" turbo, hydraulic line marker, pantographic line, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Cap Fertilizer (kg)	Seed (kg)	Weight empty (kg)	Whe	eelset tires	Tractor Power (cv)
GA 2500-E	5	1810		460	252	1.540			50
GA 2400-EP	4	1410	45	360	210	1.400	2	5.60/15	50
GA 2300-EP	3	910	45	280	147	1.260	2	3.00/13	40
GA 2200-E	2	910		280	147	1.120			40

- Lateral wheelsets out of the machine
- Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg.
- OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.
- The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.
- The above settings are factory defaults, but the customer can request changes to your preference.



## Articulated planter fertilizer tillage drag

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, coated rubber. - Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated wheelset with hydraulic cylinder to raise the machine.
- Articulated coulter disc to soil attack I6" at I8" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.
- Header system without tires, to unite machines simple and practical way.

OPTIONAL: Coulter disc 16" at 18" turbo, fertilizer's double disc in 14" and 15", hydraulic line marker, pantographic line, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Capacity Fertilizer Seed (kg) (kg)		Weight empty (kg)	Whe	elset tires ply	Tractor Power (cv)
GA 22600-PP	26	11700		3.260	2.532	10.000			260
GA 22400-PP	24	10850		2.940	2.298	9.340			240
GA 22200-PP	22	9930		2.620	2.064	8.565			220
GA 22000-PP	20	9520	45	2.300	1.830	8.218	8	6.50/16	200
GA 21800-PP	18	8100		2.340	1.800	6.999			180
GA 21600-PP	16	7230		2.020	1.566	6.337			160
GA 21400-PP	14	6500		1.700	1.332	5.718	4		140

<sup>\*</sup> The Factory spacing default in the wheelsets lines is 50 (cm) - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

<sup>-</sup> The above settings are factory defaults, but the customer can request changes to your preference.







## Hydraulic planter fertilizer tillage drag

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, coated rubber.
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated wheelset with hydraulic cylinder to raise the machine.
- Articulated coulter disc to soil attack I6" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.

OPTIONAL: Coulter disc I6" turbo, hydraulic line marker, pantographic line, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Capacity Fertilizer (kg)	/ Seed (kg)	Weight empty (kg)	Whe	elset tires	Tractor Power (cv)
GH 2500-HP	5	1810		460	252	990			65
GH 2400-HP	4	1410	45	360	210	860	,	5.60/15	
GH 2300-HP	3	910	45	280	147	730	-		60
GH 2200-HP	2	910		280	147	600			

<sup>-</sup> Lateral wheelsets out of the machine - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

<sup>-</sup> The above settings are factory defaults, but the customer can request changes to your preference.



## Hydraulic planter fertilizer tillage drag (Modulate)

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Gearbox with easy handling, without using tools for dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, nodular cast iron
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with extra pipe which ensures more resistance.
- Articulated lateral wheelset.
- Pantograph line in seeds.
- Articulated coulter disc to soil attack I6" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.

OPTIONAL: Coulter disc 16" turbo, hydraulic line marker, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Capacity Fertilizer (kg)		Weight empty (kg)	Whe	elset tires ply	Tractor Power (cv)
GH 2500-BB	5	3600		205	125	680			50
GH 2400-BB	4	2900	Diversos	164	100	580	2	F CO/15	50
GH 2300-BB	3	2200	Diversos	123	75	480		5.60/15	40
GH 2200-BB	2	1500		82	50	380			40

<sup>-</sup> Lateral wheelsets out of the machine - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

<sup>-</sup> The above settings are factory defaults, but the customer can request changes to your preference.





#### who compares purchase



# Seeder fertilizer tillage drag (RLT)

- Mechanical seed distribution, with helical rotor (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Compaction wheels in angle, depth limiters wheels coated rubber.
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated internal wheelset with hydraulic cylinder to raise the machine.
- Articulated lateral wheelset for transport, equipped with hydraulic cylinder drive and military tires.

OPTIONAL: Pasture tank, hydraulic line marker, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

		Useful width	l width		Capacity			wheeled/tires				
Models Lines		for planting (mm)	Capacity Line Spacing (cm)	Fertilizer	Seed	Weight empty	١	work	transport		Tractor Power (cv)	
				(kg)	(kg)	(kg)	qtd	ply	qtd	ply		
GA 2029-PT	29	4820		1.630	1.266	3.595					100	
GA 2027-PT	27	4430	17.5	1.470	1.149	3.348	2	10.5/80-18	2	6.50/16		
GA 2025-PT	25	4430	17.5	1.470	1.149	3.300	2	10.5/60-16		0.50/10	90	
GA 2023-PT	23	3850		1.310	1.032	3.155						

<sup>-</sup> Lateral wheelsets out of the machine lines - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

<sup>-</sup> The above settings are factory defaults, but the customer can request changes to your preference.

who compares purchase



## Seeder fertilizer tillage drag

- Mechanical seed distribution, with helical rotor (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Compaction wheels in angle, depth limiters wheels coated rubber.
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated internal wheelset with hydraulic cylinder to raise the machine.

OPTIONAL: Pasture tank, hydraulic line marker, planting monitor, lateral wheelset for transport, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Ca Fertilizer (kg)	apacity Seed (kg)	Weight empty (kg)	Wh qtd	neelset tires	Tractor Power (cv)
GA 2023-PT	23	3850		1.310	1.032	2.906		10.5/80-18	90
GA 2021-T	21	3610		1.150	640	2.810		10.5/60-16	80
GA 2019-T	19	3220	17.5	1.170	630	2.100			
GA 2017-T	17	2820	17.5	1.010	548	2.000	2	6 50/16	70
GA 2015-T	15	2430		850	466	1.900		6.50/16	65
GA 2013-T	13	2100		690	384	1.800			60

Models	Lines	Useful width for planting (mm)	Capacity Line Spacing (cm)	Ca Fertilizer (kg)	apacity Seed (kg)	Weight empty (kg)	<b>W</b> h	eelset tires	Tractor Power (cv)
GA 2019-TA	19	3220		840	441	2.050			70
GA 2017-TA	17	2820	17.5	740	399	1.950	ີ	6.50/16	70
GA 2015-TA	15	2430	17.5	640	357	1.850		6.50/16	60
GA 2013-TA	13	2100		540	315	1.750			60

<sup>-</sup> Lateral wheelsets out of the machine lines - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

The above settings are factory defaults, but the customer can request changes to your preference.



www.gihal.com.br Unidada I: BR 386 KM 174,5 - Carazinho/RS Brasil Unidada 2: BR 285 Dist. Industrial - Carazinho/RS



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#### who compares purchase



## Multi Seeder fertilizer tillage drag

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Mechanical seed distribution, with helical rotor (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, coated rubber.
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated wheelset with hydraulic cylinder to raise the machine.
- Articulated coulter disc to soil attack I6" at I8" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.

OPTIONAL: Coulter disc 16" at 18" turbo, fertilizer's double disc in 14" and 15", hydraulic line marker, pantographic line, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

Models	Sur	nmer Useful width		/inter Useful width	line spacing		apacity	Weight empty	Whe	elset tires	Tractor
	Lines	for planting (mm)	Lines	for planting (mm)	*(cm)	Fertilizer **(kg)	Seed **(kg)	(kg)	qtd	ply	Power (cv)
GA 2715-P	7	2990	15	2430	Summer 45	850	466	2.350			70
GA 2613-P	6	2660	13	2100	Winter	690	384	2.200	2	6.50/16	60
GA 2513-P	5	2660	13	2100	17.5	690	384	2.050			00

Models	Sur	mmer Useful width for planting (mm)		inter Useful width for planting (mm)	line spacing *(cm)	Ca Fertilizer **(kg)	pacity Seed **(kg)	Weight empty (kg)	Whee	elset tires ply	Tractor Power (cv)
GA 2919-A	9	3780	19	3220	Summer	840	441	2,510			75
GA 2817-A	8	3380	17	2820	*45	740	399	2,360			70
GA 2715-A	7	2990	15	2430		640	357	2,210	2	6.50/16	65
GA 2613-A	6	2660	13	2100	Winter	540	315	2,060			60
GA 2513-A	5	2660	13	2100	17.5	540	315	1,910			60

<sup>-</sup> Lateral wheelsets out of the machine lines - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg. OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

<sup>-</sup> The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

<sup>-</sup> The above settings are factory defaults, but the customer can request changes to your preference.



## Economical multi seeder fertilizer tillage drag

- Mechanical seed distribution, horizontal disk honeycombed style with 90 holes grain-to-grain (Universal System).
- Mechanical seed distribution, with helical rotor (Universal System).
- Economy and uniformity in the fertilizer distribution, high precision doser with helical screw FERTISYSTEM Auto-Lub AP®.
- Frontal gearbox with transparent viewing, without using tools for handling with dosages adjustment of inputs.
- Fertilizer tanks in polyethylene, highly resistant to corrosion, increasing equipment lifespan.
- Depth limiters wheels, compactor wheels in "V" with angle adjustment, coated rubber.
- Double disc lagged for seed attack to the soil I4" and I5".
- Monobloc chassi, reinforced with four extra pipes which ensures more resistance.
- Articulated wheelset with hydraulic cylinder to raise the machine.
- Articulated coulter disc to soil attack I6" for better cut and straw flow.
- Furrower of fertilizer with intelligent spring system "PULA-TUDO" exclusive system GIHAL.

OPTIONAL: Coulter disc 16" turbo, hydraulic line marker, pantographic line, planting monitor, precision agriculture; variable rate in the fertilizer and fixed rate in the seed.

	Sum	nmer	W	inter	line spacing	Ca <sub>l</sub>	pacity	Weight	Whee	elset tires	Tractor
Models	Lines	Useful width for planting (mm)	Lines	Useful width for planting (mm)	*(cm)	Fertilizer (kg)	Seed (kg)	empty (kg)	qtd	ply	Power (cv)
GA 2510-E	5	1810	10	1575	Summer	460	252	1.570			50
GA 2408-EP	4	1410	8	1225	45	360	210	1.430	2	5.60/15	50
GA 2307-EP	3	910	7	1050	Winter	280	147	1.290		3.00/13	40
GA 2207-E	2	910	7	1050	17.5	280	147	1.150			40

<sup>-</sup> Lateral wheelsets out of the machine lines - Values to convert in liters: Fertilizer 1,00 lit. = 1,00 kg / Seed 1,00 lit. = 0,70 kg.

OBS.: The values in liters are approximate and the values in kilograms are variable, all depend on the density seed and fertilizer.

The tractor power may vary according to soil type, humidity, double disc, furrower, depth and others variables.

<sup>-</sup> The above settings are factory defaults, but the customer can request changes to your preference.

#### who compares purchase

this Enterprise It has the support the financia FINEP

### Automatic lateral float

It is a kit coupled between the neck and the cutting deck of combines.

The purpose of this equipment is execute a cut close and uniform in all the plataform extension in sloping lands, preventing the ramps formation, those that hinder grain input when there is insufficient straw (soy) and prevents the unwanted cutting height

(half) of the plant and subsequent loss of grain.

The kit consists of an electro-hydraulic and mechanical system, controlled by sensors positioned on the platform ends and also has a pushbutton for manual operation from inside the harvesting cabin.





SF-6000-J	Automatic side flotation kit cutting platform harvester John Deere and SLC with electro hydraulic drive.
SF-6000-M	Automatic side flotation kit cutting platform harvester Massey Ferguson and Ideal with electro hydraulic drive.
SF-6000-C	Automatic side flotation kit cutting platform harvester New Holland and Calyson with electro hydraulic drive.
SF-6000-JC	Automatic side flotation kit cutting platform harvester John Deere and SLC with electro hydraulic drive.
SF-6000-MC	Automatic side flotation kit cutting platform harvester Massey Ferguson and Ideal with electro hydraulic drive.
SF-6000-CC	Automatic side flotation kit cutting platform harvester New Holland and Clayson with electro hydraulic drive.

## **GV 6000 - B**



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**(54)** 3331-4044

Unidada I: BR 286 KM 174,5 - Garazinho/RS Unidada 2: BR 285 Dist. Industrial - Garazinho/RS

Forage wagon tipper



forage trailer transport wagon, handling, storage of feed and inputs agricultural. Tipping by hydraulic control.

bucket					
Description	Deasures (mm)				
Length	3000				
Width	2200				
Height	1200				

Tandem axle					
Wheelsets	4				
Axles	2				
Sistem	Tandem				
Tires	6.50/16				

Robustness and durability						
Description	Description Material Ply Aço Carbono (mm)					
Chassi		6.35				
Floor	SAE 1010/20	3.00				
Lateral		1.50				

Capacity					
(kg)	(lt)				
6.000	8.000				
Automatic or manual lid opening	Automatic/manual				





# Reservoir tank for liquid polyethylene 3.650 liters



Models	Cover log	Storage specification	Height (mm)	Width (mm)	Length (mm)	Capacity (It)	Weight empty (kg)
GT 500-L						500	
GT 1000-L						1.000	
GT 1500-L						1.500	
GT 2000-L						2.000	
GT 2500-L						2.500	
GT 3000-L		- Liquids in general				3.000	
GT 3500-L		- Potable water				3.500	
GT 3650-L	yes	- Liquids fertilizer	1600	2300	2000	3.650	
GT 4500-L		- Water for sprayer				4.500	
GT 5000-L		- Chemical products				5.000	
GT 5500-L		- Consult us for another applications.				5.500	
GT 6000-L						6.000	
GT 6500-L						6.500	
GT 7000-L						7.000	
GT 7500-L						7.500	
GT 8000-L						8.000	
GT 8500-L						8.500	
GT 9000-L						9.000	

2020

Frontal attack

Side spin



Lateral attack

# Blade towed Hinged (Patrola) who invented does best the only with front ripper electric and hydraulic control



**Groud attack** 



Attack cylinder (Blade)  Spin cylinder (Blade)  Lift cylinder (Wheelset)  Ripper Cylinder  Ripper Cylinder  Tractor hydraulic control  Predominant color  Hydraulic ripper  Blade angle of attack in soil (midpoint)  Spin vertical side attack the blade  Horizontal spin of the blade on each side  Horizontal total spin of the blade  Blade width  Working width perpendicular to the chassis  Wheelset external width  Reversible knife  Additional maximum weight  Minimum total weight with tires  Was 24 - 6 furos  Tires  Mas 330mm  Massim x 330mm  Mossim x 180mm  Mossim x 330mm  Moris x 180mm  Duplo  Verde  Houplo  Verde  Houplo  Verde  160  Spin vertical side attack the blade  160  Spin vertical front attack the blade  160  Spin vertical front attack the blade  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical front attack the blade  1080  Spin vertical front attack the blade  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1080  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1090  Spin vertical spin of the blade on each side  1		
Spin cylinder (Blade)  Lift cylinder (Wheelset)  Ripper Cylinder  Ripper Cylinder  Tractor hydraulic control  Predominant color  Hydraulic ripper  Blade angle of attack in soil (midpoint)  Spin vertical side attack the blade  Spin vertical front attack the blade  Horizontal spin of the blade on each side  Horizontal total spin of the blade  Blade width  Working width perpendicular to the chassis  Working width with maximum blade spin  Reversible knife  Additional maximum weight  Minimum total weight with tires  We x 24 - 6 furos  Tires  May x 180mm  Mos" x 180mm  Duplo  Verde  Horloon  Verde  Horloon  100  Spin vertical side attack in soil (midpoint)  300  Spin vertical side attack the blade  160  Spin vertical spin of the blade  120  Spin vertical spin of the blade  1080  3600/4000  3600/4000  Working width perpendicular to the chassis  3600/4000  Working width with maximum blade spin  2020  Wheelset external width  2100  Reversible knife  12,7 x 156 x 1950 13F  Reversible knife  2000 kg  Wheel rims  W8 x 24 - 6 furos  Tires	Total length	6600
Lift cylinder (Wheelset)  Ripper Cylinder  Ripper Cylinder  Tractor hydraulic control  Predominant color  Hydraulic ripper  Blade angle of attack in soil (midpoint)  Spin vertical side attack the blade  Spin vertical front attack the blade  Horizontal spin of the blade on each side  Horizontal total spin of the blade  Blade width  Working width perpendicular to the chassis  Working width with maximum blade spin  Wheelset external width  Reversible knife  Additional maximum weight  Minimum total weight with tires  Was 24 - 6 furos  Tires  Tires		
Ripper Cylinder Tractor hydraulic control Predominant color Hydraulic ripper Blade angle of attack in soil (midpoint) Spin vertical side attack the blade Spin vertical front attack the blade Horizontal spin of the blade on each side Horizontal total spin of the blade Blade width Working width perpendicular to the chassis Working width with maximum blade spin Working width with maximum blade spin Reversible knife Additional maximum weight Minimum total weight with tires We X 24 - 6 furos Tires  Tires  Verde Verde  Verde  3 Garras  3 Garras  3 Goo 400  22°  16° 54° 108° 108° 108° 108° 108° 108° 108° 108	Spin cylinder (Blade)	
Tractor hydraulic control Predominant color Hydraulic ripper Blade angle of attack in soil (midpoint) Spin vertical side attack the blade Spin vertical front attack the blade Horizontal spin of the blade on each side Horizontal total spin of the blade Blade width Working width perpendicular to the chassis Wheelset external width Reversible knife Additional maximum weight Minimum total weight with tires Were Tires  Duplo Verde Verde Verde Verde Horizontal 160 Sgarras 300 300 300 300 300 300 300 300 300 30	Lift cylinder (Wheelset)	Ø3" x 330mm
Predominant color Hydraulic ripper Blade angle of attack in soil (midpoint) Spin vertical side attack the blade Spin vertical front attack the blade Horizontal spin of the blade on each side Horizontal total spin of the blade Blade width Working width perpendicular to the chassis Working width with maximum blade spin Wheelset external width Reversible knife Additional maximum weight Minimum total weight with tires Werde  Verde 3 Garras 30° 30° 108° 108° 108° 3600/4000 Working width perpendicular to the chassis 3600/4000  2020 Wheelset external width 2100 Reversible knife 12,7 x 156 x 1950 13F Additional maximum weight 300 kg Minimum total weight with tires W8 x 24 - 6 furos Tires Tires	Ripper Cylinder	Ø3" x 180mm
Hydraulic ripper  Blade angle of attack in soil (midpoint)  Spin vertical side attack the blade  Spin vertical front attack the blade  Spin vertical spin of the blade on each side  Horizontal spin of the blade on each side  Horizontal total spin of the blade  Blade width  Working width perpendicular to the chassis  Working width with maximum blade spin  Wheelset external width  Reversible knife  Reversible knife  Additional maximum weight  Minimum total weight with tires  Wa x 24 - 6 furos  Tires  30°  30°  30°  30°  30°  30°  54°  108°  54°  108°  3600/4000  2200  Wheelset external width  2100  Reversible knife  12,7 x 156 x 1950 13F  Additional maximum weight  300 kg  Wheel rims  Wa x 24 - 6 furos  Tires	Tractor hydraulic control	Duplo
Blade angle of attack in soil (midpoint)  Spin vertical side attack the blade  Spin vertical front attack the blade  Horizontal spin of the blade on each side  Horizontal total spin of the blade  Blade width  Working width perpendicular to the chassis  Working width with maximum blade spin  Wheelset external width  Reversible knife  Additional maximum weight  Minimum total weight with tires  Was 24 - 6 furos  Tires  Square  16°  108°  108°  3600/4000  200  4000  2020  Wheelset external width  2100  Reversible knife  12,7 x 156 x 1950 13F  300 kg  Wheel rims  Was 24 - 6 furos  Tires		Verde
Spin vertical side attack the blade Spin vertical front attack the blade Horizontal spin of the blade on each side Horizontal total spin of the blade Blade width Solonyal working width perpendicular to the chassis Working width with maximum blade spin Wheelset external width Reversible knife Reversible knife Additional maximum weight Minimum total weight with tires We x 24 - 6 furos Tires  120  160  220  108  3600/4000  2020  20		3 Garras
Spin vertical front attack the blade Horizontal spin of the blade on each side Horizontal total spin of the blade Blade width Solon/4000 Working width perpendicular to the chassis Working width with maximum blade spin Wheelset external width Reversible knife Reversible knife Additional maximum weight Minimum total weight with tires Was 24 - 6 furos Tires  220  220  220  240  250  260  270  280  280  280  280  280  280  28		300
Horizontal spin of the blade on each side  Horizontal total spin of the blade  Blade width  Working width perpendicular to the chassis  Working width with maximum blade spin  Wheelset external width  Reversible knife  Reversible knife  Additional maximum weight  Minimum total weight with tires  Was 24 - 6 furos  Tires  108°  3600/4000  2020  2100  2100  2100  2100  2100  2100  2100  2200  2400  2500  2600  2700  2700  2800		16°
Horizontal total spin of the blade   108°		220
Blade width         3600/4000           Working width perpendicular to the chassis         3600/4000           Working width with maximum blade spin         2020           Wheelset external width         2100           Reversible knife         12,7 x 156 x 1950 13F           Reversible knife         12,7 x 156 x 1500 10F           Additional maximum weight         300 kg           Minimum total weight with tires         2000 kg           Wheel rims         w8 x 24 - 6 furos           Tires         12 X 4 X 24	Horizontal spin of the blade on each side	540
Working width perpendicular to the chassis         3600/4000           Working width with maximum blade spin         2020           Wheelset external width         2100           Reversible knife         12,7 x 156 x 1950 13F           Reversible knife         12,7 x 156 x 1500 10F           Additional maximum weight         300 kg           Minimum total weight with tires         2000 kg           Wheel rims         w8 x 24 - 6 furos           Tires         12 X 4 X 24	Horizontal total spin of the blade	108°
Working width with maximum blade spin         2020           Wheelset external width         2100           Reversible knife         12,7 x 156 x 1950 13F           Reversible knife         12,7 x 156 x 1500 10F           Additional maximum weight         300 kg           Minimum total weight with tires         2000 kg           Wheel rims         w8 x 24 - 6 furos           Tires         12 X 4 X 24		3600/4000
Wheelset external width         2100           Reversible knife         12,7 x 156 x 1950 13F           Reversible knife         12,7 x 156 x 1500 10F           Additional maximum weight         300 kg           Minimum total weight with tires         2000 kg           Wheel rims         w8 x 24 - 6 furos           Tires         12 X 4 X 24	Working width perpendicular to the chassis	3600/4000
Reversible knife       12,7 x 156 x 1950 13F         Reversible knife       12,7 x 156 x 1500 10F         Additional maximum weight       300 kg         Minimum total weight with tires       2000 kg         Wheel rims       w8 x 24 - 6 furos         Tires       12 X 4 X 24	Working width with maximum blade spin	2020
Reversible knife 12,7 x 156 x 1500 10F Additional maximum weight 300 kg Minimum total weight with tires 2000 kg Wheel rims w8 x 24 - 6 furos Tires 12 X 4 X 24	Wheelset external width	2100
Additional maximum weight 300 kg  Minimum total weight with tires 2000 kg  Wheel rims w8 x 24 - 6 furos  Tires 12 X 4 X 24	Reversible knife	
Minimum total weight with tires2000 kgWheel rimsw8 x 24 - 6 furosTires12 X 4 X 24		12,7 x 156 x 1500 10F
Wheel rims         w8 x 24 - 6 furos           Tires         12 X 4 X 24		300 kg
Tires 12 X 4 X 24	Minimum total weight with tires	
	Wheel rims	w8 x 24 - 6 furos
Minimum newer of the treater	1	12 X 4 X 24
Millimum power of the tractor 90 cV	Minimum power of the tractor	90 cv

Precision agriculture



**Planting Monitor** 



Fertilizer distribution system FertiSystem



Dual wheels



Line marker



Double disc in the fertilizer



Distribution of fine grain seeds



Rotated lateral transport



Pantograph line in seed



Cash pastures



Seed distribution coarse grains

