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BENEFIT TO GLOBAL FARMERS



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Specifications and designs are subject to change without prior notice.

Machines shown may include optional parts.

The above parameters are subject to change without notice, the illustrations in text is not always the type of standard models.



AGRICULTURAL EQUIPMENT

LOVOL

AGRICULTURE

MY LOVOL

MY LOVE MY LIFE

As the largest agricultural machinery enterprise with the most complete product lines in China, Lovol Group has firstly achieved a complete set of mechanical operations involving land consolidation, tillage, sowing, field management, harvesting, straw treatment and grain drying. Lovol Group can provide users with whole-process mechanized solutions involving information, technology, products, etc., and strives to bring more benefits to users around the world.

“Innovative Technology High Quality Service Excellence Smart Agriculture”. Being established in the international high-end vision and bringing together the outstanding technologies of China and Europe, Lovol Group is committed to seeking more benefits for mankind and strives to achieve new transcendence on the road to building a world-class machinery manufacturing equipment company.

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COMPANY PROFILE

- Lovol Group is a large industry equipment manufacturing corporate specialized in agricultural equipment, engineering machinery, vehicle, finance, science and technology plus Internet. As China's largest agricultural machinery enterprise with the most complete product line, Lovol Group is the first to realize the full set of machinery operation of land consolidation, plowing, planting, field management, harvesting, straw processing and grain drying, providing users with fully mechanized solution about information, technology and products. The market inventory of Lovol Group products ranks the first in China, of which grain harvesting machine occupies 70% of the market share in China, ranking the first for 16 consecutive years and tractor products occupy 30%, leading for 13 consecutive years. In 2019, the brand value of Lovol reached RMB 68.875 billion, ranking 72nd among "China's 500 most valuable brands". As a high-end agricultural equipment brand of Lovol Group, products of ARBOS are all equipped with global advanced technologies, among which the self-developed P5000 tractor won the highest design award "Red Dot Award" of Germany in 2017.
- Lovol Group has always taken core technology breakthroughs as the driving force for its sustainable development. Relying on various technological innovation platforms, it has broken through a number of industry-leading core technologies, developed more than 15,000 product resources, owned more than 600 effective intellectual property rights, and applied for more than 2,000 patents, including more than 300 invention patents and more than 50 overseas patents. It has presided over or participated in the revision of more than 70 national and industrial standards in China, and undertaken 12 national research projects in China. All the projects involved have passed the qualification and production acceptance of China's national scientific and technological achievements. In recent years, with the extensive use of GPS and Beidou satellite navigation and positioning technology, electronic technology, modern sensor test technology, computer technology and automatic control technology in agricultural machinery and equipment, Lovol Group has designed and developed drone tractors to realize precision seeding, fertilization, ridging, spraying under the automatic control, greatly improving the standardization of tractor working.
- Currently, Lovol Group has more than 2000 staff for research and development (R&D). By integrating global high-end R&D resources, it has built a global R&D system of "China & Europe & Japan". It has 4 R&D centers and 2 trial manufacturing centers, forming the operation mode of "global R&D, global manufacturing and global distribution".

LOVOL

Corporate brand

Industry

Agricultural Equipment

Construction Machinery

Vehicles

Core Components

Finance



LOVOL



LOVOL

Made in Europe

- ARBOS Tractor
- ARBOS Harvest
- GOLDONI Orchard tractor
- MaterMacc Seeder

- Wheel Loader
- Excavator
- Rotary Drilling Rigs

- Tri-wheel Motorcycle
- Electric Tricycle
- Tri-wheel Vehicle
- Special Purpose Vehicle

- Engines
- Axle & Transmission



LOVOL LEASING

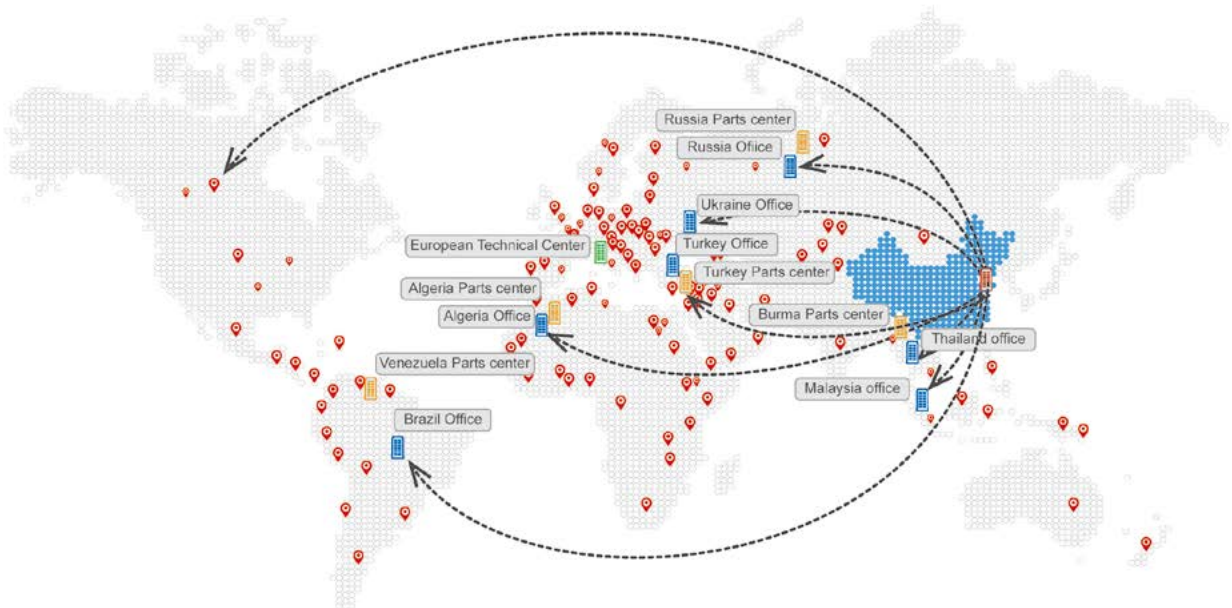
LOVOL SERVICE



LOVOL

Made in China

- LOVOL Tractor
- LOVOL Harvest
- LOVOL Agricultural implements



TRACTOR

TE

SERIES

3rd Gen.(25-50HP)



KEY FEATURES



■ Powered by 3-cylinder direct injection diesel engine, TE Series Tractors range in power from 20HP to 30HP. 4-cylinder engine is for option, which can provide power up to 50 HP and the configuration engine has passed European and North America certification.



■ Equipped with new designed 8F+8R shuttle shift transmission, TE Tractors can work on more rational speeds. Meanwhile, synchronized shuttle shift transmission is optional to meet requirements of construction works.



■ International standard 6-spline PTO shaft is applied. Optional 540\1000 or 540\540E dual-speed PTO makes TE Series Tractors suitable for various working conditions.

PRODUCTS INFORMATION

SPECIFICATIONS		UNITS	TE254	TE354	TE504
Engine			KM385	4L22	QC495
Rated Engine Power ISO TR14396-ECE R120		hp/kW	25/18. 4	35/25.7	50/36.7
Type			3-cylinder, diesel	4-cylinder, diesel	4-cylinder, diesel
Rated Engine Speed		rpm	2350	2350	2400
Fuel Tank Capacity		ltr	30		36
Dry Dual Clutch (Ceramic disk)		in.	8	9	10
8F+8R Collar Shift\8F+8R Synchro Shift			○	○	8+8
8F+2R Collar Shift			●	●	-
Speed Range		km/h	8F+8R: Forward(1.71-25.76)/ Reverse(1.51-24)		1.98-30.01/1.8-27.95
Type			Dry disc, Mechanical		Dry disc
Parking Brake			Mechanical, Independent of main brakes, Hand lever operated		Mechanical, Independent of main brakes, Hand lever
Air Trailer Brake			○	○	○
Type			Position or Floating Control		Position or Floating
Hydraulic Flow		l/min	16	19	24
Lift Capacity at Lift Point		kg	870	960	1250
Lift Capacity at 610mm behind Hitch Point		kg	580	640	827
ROPS			●	●	○
Full-view Cab			○	○	-
Front Tires	Standard		6.0-16	6.5-16	6.0-16
	Optional		6.5-16	7.5-16	6.5-16
Rear Tires	Standard		9.5-24	11.2-24	11.2-24
	Optional		11.2-24	12.4-24	
ROPS Weights(kg)*			1100	1280	1590
Cab Weights(kg)*			1280	1480	-
L*W*H		mm	3558*1550*2450	3558*1550*2450	3475*1680*2450

FEATURES OF TE SERIES (NEW PLATFORM)

- Highly cost-efficient in-line diesel engines with high fuel efficiency, low maintenance cost, standard preheater and excellent cold start;
- Center console with simple structure, high cost efficiency and easy maintenance; side console for driving and riding comfort;
- 8F+2R gearbox with easy operation and convenient maintenance; optional 8F+8R/16F+4R gears for multi-function demand;
- Optional single/double-acting clutches for different needs and operation; special ceramic material for friction plates with high reliability as well as low use and maintenance cost;
- Farmland tires, turf tires, construction tires and many other tires to meet needs of different working conditions.



TRACTOR

TE SERIES

2nd Gen.(25-35HP)



KEY FEATURES



■ Powered by 3-cylinder direct injection diesel engine, TE Series Tractors range in power from 20HP to 30HP. 4-cylinder engine is for option, which can provide power up to 35 HP .



■ TE Series can provide you a maximum ground clearance of 338mm and row space of 420mm. The reliable pin-type differential lock enables the TE Series with best passing performance.



■ New front axle is used on the four-wheel-drive model, which can provide you reliable steering performance in harsh and paddy environments through dual-action steering cylinder and great waterproofness. Meanwhile, it has a minimum turning radius of 3.3m to help you operate easily in small spaces.

PRODUCTS INFORMATION

SPECIFICATIONS		UNITS	TE254	TE354
Engine			KM385	4L22BT
Rated Engine Power	ISO TR14396-ECE R120	hp/kW	25/18. 4	35/25.7
Type			3-cylinder, diesel	
Rated Engine Speed		rpm	2350	2350
Fuel Tank Capacity		litr		
Dry Dual Clutch (Ceramic disk)		in.		
8F+8R Collar Shift\8F+8R Synchro Shift			○	○
8F+2R Collar Shift			●	●
Speed Range		km/h	8F+2R: Forward(1.72-26.02)/ Reverse(2.25-10.39) 8F+8R: Forward(1.71-25.76)/ Reverse(1.51-24)	
Type			Dry disc, Mechanical	
Parking Brake			Mechanical, Independent of main brakes, Hand lever operated	
Air Trailer Brake			○	○
Type			Position or Floating Control	
Hydraulic Flow		l/min	24	24
Lift Capacity at 610mm behind Hitch Point		kg	580	640
ROPS			●	●
Full-view Cab			○	○
Front Tires	Standard		6.0-16	7.5-16
	Optional		6.5-16	
Rear Tires	Standard		9.5-24	12.4-24
	Optional		11.2-24	
ROPS Weight(kg)*			1225	1535
Cab Weight(kg)*			1400	1700
L*W*H		mm	3225*1475*1900	3480*1515*2255

Key: ● Standard ○ Optional * Tractor Dry Mass

FEATURES OF TE SERIES

- Highly cost-efficient in-line diesel engines with high fuel efficiency, low maintenance cost, standard preheater and excellent cold start;
- Center console with simple structure, high cost efficiency and easy maintenance; side console for driving and riding comfort;
- 8F+2R gearbox with easy operation and convenient maintenance; optional 8F+8R/16F+4R gears for multi-function demand;
- Optional single/double-acting clutches for different needs and operation; special ceramic material for friction plates with high reliability as well as low use and maintenance cost;
- Farmland tires, turf tires, construction tires and many other tires to meet needs of different working conditions.



TRACTOR

TB

SERIES

3rd Gen.(35-75HP)



FEATURES OF TB WITH THIRD GENERATION BODY



Dynamic and fashionable appearance



Human-orientated arrangement



Beautiful and elegant headlamp



Rear lamp with technological feeling



Enclosed mudguard and rear wall inner trims



Front-mounted sunroof



Saloon-car air conditioner



Adjustable steering wheel



Luxurious seat



Waterproof connector

KEY FEATURES

- Gearbox: Standard configuration: 8F+8R synchro shift; options: 12F+12R synchro shift and 8F+8R collar gearshift. 12F+12R main speed synchronized shift is optional and it has features like energy saving, reliable and comfortable.
- Driving Cab: Standard configuration is ROPS and cab with EC and OECD certifications, and compatible configurations are third generation car body with European design, fully-wrapped interior, steering wheel adjustable fore and aft, car air conditioning system and luxurious seat which fully improves the control comfort.
- Engine : TB series standard configuration engine has passed European and North America certification .
- Clutch : Standard configuration 10-11 inch dual clutch is equipped with a friction disk made of special ceramic material with high reliability.
- Tires : Paddy land tires, OTR tires, meadow tires are optional.
- Electronic system: Taking rainy and humid environments into consideration, it is equipped with electrical wirings and connectors with high sealing performance so as to extend the service life of the electronic system.
- Floor: flat floor, side-placed operating lever and suspension pedal are optional, which improves controlcomfort.

PRODUCTS INFORMATION

SPECIFICATIONS	Unit	TB404	TB454	TB504	TB554	TB604	TB754
Engine		C490	A495	A498	A4K41T	A4K41T	A4K43T
"Rated Engine Power *ISO TR14396-ECE R120"	hp/kW	40/29.4	45/33.1	50/36.8	55/40.4	60/44	75/55
Type							
Rated Engine Speed	rpm	2400	2400	2400	2400	2400	2400
Raded PTO Power	kW	25	28.1	31.2	34.4	37.5	46.8
Fuel Tank Capacity	ltr				65		
Dry Dual Clutch (Ceramic disk)	in.	10	10	10	10/11	10/11	
12F+12R Synchro Shift		●	●	●	●	●	●
12F+12R Collar Shift		○	○	○	○	○	○
Speed Range	km/h	12F+12R: Forward (2.37-38.46) / Reverse (2.07-33.71)					
Type		Wet disc, Mechanical					
Parking Brake		Mechanical, Independent of main brakes, Hand lever operated					
Type		Draft Control/Position Control					
Cat.I Three Point Hitch		●					
Cat.II Three Point Hitch			●	●	●	●	●
Hydraulic Flow	l/min	35	35	35	35	35	
Lift Capacity at 610mm behind Hitch Point	kg	>640	>830	>910	>1020	>1150	1500
ROPS		●	●	●	●	●	●
Full-View Cab		○	○	○	○	○	○
Air Conditioning		○	○	○	○	○	○
Suspended Platform		●	●	●	●	●	●
Tires and Weights							
Front Tires	Standard		8.3-20	8.3-20	8.3-20	8.3-20	9.5-24
	Optional		7.5-16				
Rear Tires	Standard		12.4-28	12.4-28	12.4-28	14.9-28	14.9-30
	Optional		11.2-28	14.9-24	14.9-24	14.9-24	14.9-28
ROPS Weight(kg)*		2320	2320	2320	2545	2545	2855
Cab Weight(kg)*		2525	2525	2525	2750	2750	3010
L*W*H	mm	3980*1650*2520			4030*1650*2520		4100*1795*2160

Key: ● Standard ○ Optional * Tractor Dry Mass

TRACTOR

TB

SERIES

ORCHARD TRACTORS(50-70HP)



FEATURES OF TB ORCHARD TRACTORS SERIES

- Reinforced transmission,this transmission is matched with tire 8.3-24/14.9-30 in China.For our small tire will be strong enough.
- Dual stage middle steering cylinder make the tracot have a good maneuvering performance.
- Independent clutch control , (PTO clutch/ driving clutch); ceramic clutch disks.
- PTO transmission could be cut off to save energy.



KEY FEATURES



- Powered by 4-cylinder in-line diesel engine, TB Series ranges in power from 35 to 60HP. Its low fuel consumption of 245g/kwh and the large torque output of 155-245N•m help you to get work done efficiently and economically.
- TB Series Tractors adopt dual-action clutches from 10 to 11 inches made up of a special ceramic material, which can give you easier operation and reliable performance.
- New front axle is used on the four-wheel-drive model, which can provide you reliable steering performance in harsh and paddy environments through dual-action steering cylinder and great waterproofness. Meanwhile, it has a minimum turning radius of 3.3m to help you operate easily in small spaces.

PRODUCTS INFORMATION

SPECIFICATIONS		UNITS	TB504F	TB604F	TB704F
ENGINE			XinChaiA498BT	XinChaiA4K41T	XinChaiA4K43T
DRIVING WHEELS			4WD		
Rated Engine Power *ISO TR14396-ECE R120		hp/kW	50/36.8	60/44.1	70/51.5
Type			Natural		
Rated Engine Speed		rpm	2400		
Raded PTO Power		kW	31.3	37.5	43.8
ROPS & CAB			Middle folding ROPS		
Weights & Dimensions	WEIGHT	kg	2500		
	LENGTH	mm	4030		
	WIDTH	mm	1700		
	HEIGHT (@ steering wheel)	mm	1600		
	GROUND CLEARANCE	mm	335		
	WHEELBASE	mm	2072		
	Front Track	mm	1250		
	Rear Track	mm	1310		
TRANSMISSION	TURNING RADIUS (WITH BREAKING)	mm	3200		
	TURNING RADIUS (WITHOUT BREAKING)	mm	3700		
	MAX TURNING ANGLE		40°		
	CLUTCH		11 inch		
	GEAR BOX		collar shift		
	GEARS		12+12		
	BRAKES		Wet\mechanical		
HYDRAULIC HITCH	PTO		540/1000		
	LIFT CAPACITY @ link ends kg		2500		
	HYDRAULIC FLOW I	min	54		
TYRES	Front		8.3-20		
	Rear		14.9-24		

TRACTOR

TH SERIES

3rd Gen.(60-80HP)



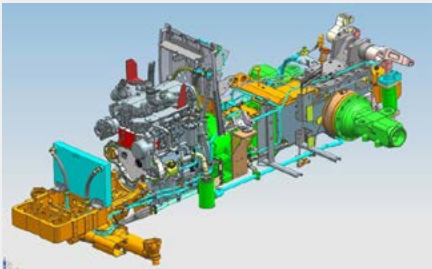
FEATURES OF TH SERIES

- Many gears and high speed: Equipped with 12+12 shifting synchronizer, which can realize fast, continuous and smooth shifting operation and improve the operating efficiency.
- Heavy chassis, fast operating speed: Equipped with an enhanced chassis; the rear axle, gearbox, front axle and suspension are upgraded, the chassis is enlarged and enhanced; the curb mass is increased, the chassis strength is increased, to greatly improve the reliability and better meet the job requirements.
- High ground clearance and fast crossing ability: Lovol front axle is equipped with a two-way steering cylinder, without steering dead point, with small steering force and larger steering angle. Higher ground clearance is and better passability compared with competition products.



KEY FEATURES

- Adoption of an oil system shared by transmission, hydraulic steering and lifting to achieve high safety and reliability and also facilitate subsequent maintenance.Full hydraulic steering with high reliability. Adoption of 24° cone seals and O-seal rings; adoption of an oil system shared by hydraulic steering, lifting and chassis to achieve high safety and reliability and also facilitate subsequent maintenance.
- Lovol product is equipped a lower-mounted fuel tank with a large capacity and long operating hours.



PRODUCTS INFORMATION

SPECIFICATIONS	UNITS	TH654	TH754	TH804
Rated Engine Power	hp/kW	47.8/65	55.2/75	59/80
Engine speed	r/min	2300		
Maximum torque	N·m	≥ 270	≥ 312	≥ 337
Displacement	L	4.1		
Drive system				
Dry clutch		Dry-type double-action		
Gearbox		12+12mechanical synchronizer		
Speed range		F:2.86-36.78/R:2.51-32.24		
Power output speed	r/min	540/1000		
Front axle				
Steering radius (by applying the brake on one side)	m	3.5±0.3		
Hydraulic lifter				
Types		Force position adjustment individual		
Suspension mechanism		Three-point rear suspension, Class II		
Maximum lifting force of the system (at 610mm)	kN	20		
No.of Muti-Way Values		2 Teams		
Cab				
Safety frame		●	●	●
Tire and structure mass				
Tire specifications (front/rear)		11.2-24/16.9-34 Optional 12.4-24/18.4-30		
Structural weight	kg	2540		
Dimensions				
Length (including rear suspension)	mm	4200		
Width	mm	2050		
Height (to muffler/roof)	mm	2600		
Wheelbase	mm	2250		
Ground clearance	mm	410		

Key: ● Standard ○ Optional * Tractor Dry Mass

TRACTOR

TD

SERIES

3rd Gen.(75-100HP)



FEATURES OF TD WITH THIRD GENERATION BODY



Dynamic and fashionable appearance



Human-orientated arrangement



Beautiful and elegant headlamp



Rear lamp with technological feeling



Enclosed mudguard and rear wall inner trims



Front-mounted sunroof



Saloon-car air conditioner



Adjustable steering wheel



Luxurious seat



Waterproof connector

KEY FEATURES

- Cab: Standard configuration safety shelf and cab with OECD certifications, and compatible configurations are third generation car body with European design, fully-wrapped interior, steering wheel adjustable fore and aft, car air conditioning system and Grammer seat which fully improve manipulation comfort.
- Gearbox: Standard configuration:16F+8Rsyncro shift, options: 16F+8R shuttleshift and 16F+8R creeper shift.16F+8R main speed synchronized gears shift which are reliable, energy saving and comfortable.
- Fuel tank: Standard configuration main and auxiliary double fuel tanks have the capacity of up to 230L.
- Lifting system: The standard configuration is location independently adjusting lifter. Power lifter is for option whose maximum lifting force may reach up to 4500kg.
- Instrument cluster: Adoption of new U.S.A ACTUANT instrument cluster gives advantages of high sealing performance and multi-information integrated display.
- Engine: Lovol 4-cylinderin-line engine inherits the excellent technology of Perkins engine and adopts turbo-charging system, so it has reliable performance and strong power.

PRODUCTS INFORMATION

SPECIFICATIONS		Unit	TD824	TD904	TD1004	TD1104
Engine			LOVOL ENGINE			
"Rated Engine Power ISO TR14396-ECE R120"		hp/kW	82/60.3	90/66.2	100/73.5	110/81
Type			4 cylinders diesel			
Rated Engine Speed		rpm	2200	2200	2200	2200
Rated PTO Power		kW	51.3	56.3	62.5	68.8
Displacement		ltr	4	4	4	4
Fuel Tank Capacity		ltr	230			
Dry Dual Clutch (Ceramic disk)		in.	12	12	12	12
16F+8R Synchro Shift			●	●	●	●
16F+8R Shuttle shift			○	○	○	○
16F+8R Creeper Shift			○	○	○	○
Speed Range		km/h	"16F+8R Shuttle shift: Forward(1.5~32.2)/ Reverse(2.3-33.2);16F+8R Creeper Shift: Forward(0.4~33.3)/ Reverse(0.6-10.3); 16F+8R Synchro Shift: Forward(1.7~33.3)/ Reverse(2.4-21.4)."			
Type			Wet disc, Static hydraulic control			
Parking Brake			Independent Hand Brake			
Type			Combined Control on Force and Position, Floating Control			
Cat. 2 Three Point Hitch			●	●	●	●
Hydraulic Flow		l/min	37/46/58(powerful lifter)			
Lift Capacity at Lift Point		kg	"Semi-separated:≥2500 Separated:≥4500"			
Lift Capacity at 610mm behind Hitch Point		kg	"Semi-separated:≥1500 Separated:≥2000"			
No. of Remote Valves			2	2	2	2
ROPS			●	●	●	●
Full-view Cab			●	●	●	●
Air Conditioning			●	●	●	●
Suspended Platform			●	●	●	●
Front Tires	Standard		11.2-24			
	Optional		12.4-24/13.6-24/12.4R24			
Rear Tires	Standard		16.9-34			
	Optional		18.4-30/18.4-34/13.6-38/13.6-38(paddy land tires)/18.4R30			
ROPS Weight(kg)*			3950	3950	3950	3950
Cab Weight(kg)*			4150	4150	4150	4150
L*W*H		mm	4530*2150*2900			

Key: ● Standard ○ Optional * Tractor Dry Mass

TRACTOR

TX

SERIES

3rd Gen.(80-120HP)



FEATURES OF TX SERIES

- Small steering radius and fast turns: The steering radius is 4.9m with flexible operation, which can save the turning time in the field and improve the operating efficiency. (The steering radius can be up to 4.4m when apply the brake on one side)
- Good air conditioning and quick cooling: Panoramic window glass without dead angle around 360°; standard full-sealed heating and cooling air conditioning cab with good silent effect, which can effectively reduce exhaust, noise, dust entered the operating space.
- Front axle: The newly developed Lovol paddy field type front drive axle has a large steering angle of up to 45° and a high ground clearance of up to 500mm. Good adaptability for paddy and dry fields.
- China standard III high-pressure common rail engine has superior performance, strong power and large torque reserve.

KEY FEATURES



Turning radius 4.9m, flexible operation, saving turning time in the fields, improving work efficiency. (The turning radius can reach 4.4m in case of one-side braking.)



The newly developed Lovol paddy field type front drive axle has a large steering angle up to 45°; the ground clearance is high and reaches 500mm. Good adaptability to both upland field and paddy field.



Power shifting; high and low gear switching, and front and rear reversing gear switching without need to step on the clutch, thus facilitating manipulation and improving operation efficiency. Adoption of Italian COBO controllers; adoption of international imported electrical components such as Honeywell sensors etc. with high reliability.

PRODUCTS INFORMATION

SPECIFICATIONS	UNITS	TX904	TX1004	TX1104	TX1204
Engine		LOVOL ENGINE			
Engine power	kW	66.2	73.5	80.9	88.24
Engine speed	r/min	2200			
Maximum torque	N·m	≥373	≥414	≥450	≥450
PTO power	kW	56	62.5	68.8	75.04
Displacement	L	3.99			
Drive system					
Dry clutch		Dry-type double-action, dry-type single-action			
Gearbox		Power application position 24+12/Power shuttle shift 12+12			
Speed range		24+12: F2.02-33.16/R2.15-29.99 12+12: F2.38-33.16/R2.15-29.99			
Power output speed	r/min	540/1000			
Front axle					
Steering radius (by applying the brake on one side)	m	4.5			
Hydraulic lifter					
Types		Semi-split lift : comprehensive force and position adjustment, and floating control split-type hydraulic lifter, with adjustable and floating height			
Suspension mechanism		Three-point rear suspension, Class II			
Hydraulic flow	L/min	50+40			
Maximum lifting force of the system (at 610mm)	kN	Semi-split lift : ≥15 ; split lift : ≥20			
No.of Muti-Way Values		Category II or Category III			
Cab					
Safety frame		○	○	○	○
Air-conditioned cab		●	●	●	●
Warm air cab		○	○	○	○
Fan cab		○	○	○	○
Tire and structure mass					
Tire specifications (front/rear)		13.6-24/16.9-34 optional : 11.2-24/16.9-34 12.4-24/16.9-34 13.6-24/16.9-34			
Minimum use mass	kg	Cab 4100 ; Safety frame 3800			
Dimensions					
Length	mm	4590			
Width	mm	2050			
Height	mm	2990			
Wheelbase	mm	2300			
Ground clearance	mm	490			

TRACTOR

TQ

SERIES

3rd Gen.(120-130HP)



FEATURES OF TQ SERIES

TQ series tractors are specialized products with excellent quality. Its user-friendly design and good manufacturing process will bring you convenient operation and comfortable driving experience. When using it, you will experience many advantages beyond your imagination, and it will not only let you enjoy the fun for driving in high-efficiency operations, but also bring you better economic benefits.



KEY FEATURES



■ Lovol Engine is equipped with the well-known European engine technology, six-cylinder engine dual-valve design, and turbocharged air inlet system, which can guarantee the strong power, low fuel consumption and high torque reserve.



■ TQ Series supply independent-ctrl, dual-action LUK clutch from Germany,which has reliable quality,high efficiency of power transmission,and comfort to control.



■ New design front axle with bigger burden capacity, higher clearance.

PRODUCTS INFORMATION

SPECIFICATIONS	UNITS	TQ1204	TQ1304
Engine		LOVOL ENGINE	
Rated Engine Power ISO TR14396-ECE R120	hp/kW	120/88.24	130/95.6
Type		6-cylinder, diesel	
Rated Engine Speed	rpm	2200	
Fuel Tank Capacity	ltr	230	
Dry Dual Clutch (Ceramic disk)	in.	14	
16F+8R shuttle Shift		•	
Speed Range	km/h	Forward (1.7~35.4) / Reverse (2.5-22.7)	
Differential Lock		•	
Power Take-Off 540/1000 rpm		•	
Parking Brake		Independent hand brake	
Type		CWet disc, Static	
4WD Front Axle		•	
Turning Radius without Brake		5.2±0.3	
Turning Radius with One Side Brake		4.7±0.3	
Hydraulic Flow	l/min	63	
Lift Capacity at Lift Point	kg	4200	
Lift Capacity at 610mm behind Lift Ends	kg	2300	
Cabin with heater		•	
Suspended Platform		•	
Front Tires		14.9-26	
Rear Tires		18.4-38	
Cab Weights(kg)*		5050	
L*W*H	mm	5060*2285*3100	5060*2285**3385

TRACTOR

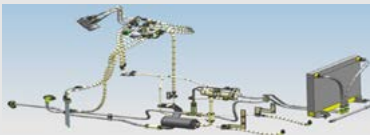
TR SERIES

TR 1 (130-150HP) TR 2 (160-200HP)



FEATURES OF TR SERIES

- Heavy chassis, fast operating speed: an enhanced chassis; the rear axle, gearbox, front axle and suspension are upgraded, the chassis is enlarged and enhanced; the chassis strength is increased by 25%, to greatly improve the reliability and better meet deep soil preparation operations.
- American Donaldson dry air filter, with improved intake efficiency and fuel consumption.
- The independent hydraulic oil steering gear has a low steering force and high reliability; the chassis heat dissipation system can keep the chassis temperature between 80-90 °C , the service life of key components such as bearings, gears and oil seals is greatly extended, and the reliability of the drive system is improved by 50%.



PRODUCTS INFORMATION

SPECIFICATIONS	UNITS	TR1304	TR1404	TR1504
Engine		LOVOL ENGINE		
Engine power	kW	95.6	102.9	110.3
Engine speed	r/min	2200		
Maximum torque	N·m	≥550	≥580	≥640
Displacement	L	5.99		
Fuel tank	L	350		
Drive system				
Dry clutch		volume		
Gearbox		16+16 mechanical synchronizer		
Speed range		F:2.73-32.64/R:2.64-31.54		
Power output speed	r/min	540/1000 optional 760/1000 , 760/850		
Steering radius (by applying the brake on one side)	m	4.9±0.3		
Hydraulic lifter				
Types		High pressure split-type hydraulic lifter: floating control, position control; Electronically controlled lifter: force adjustment, position adjustment, comprehensive force and position adjustment, and floating control		
Suspension mechanism		Standard: three-point rear suspension, Category III (equipped with Category II)		
Maximum lifting force of the system	kN	High pressure lifer: 40; electronically controlled lifter: 42		
No.of Multi-Way Values		Category II or Category III		
Cab				
Air-conditioned cab		●	●	●
Warm air cab		○	○	○
Fan cab		○	○	○
Tire and structure mass				
Tire specifications (front/rear)		standard: 14.9-28/18.4-38	optional: 18.4-26/20.8-38 (double row)	
Structural weight	kg	5645 (single tire) 6445 (double tires)		
Dimensions				
Length (Includes front counterweight and rear suspension)	mm	4950		
Width (general track, measured at the outside of the standard tire)	mm	2300 (single tire) 3400 (double tires)		
Height	mm	3100		
Wheelbase	mm	2727		

SPECIFICATIONS	UNITS	TR1604	TR1804
Engine		LOVOL ENGINE	
Engine power	kW	117.6	132.3
Engine speed	r/min	2200	
Maximum torque	N·m	≥670	≥750
Displacement	L	6.44	
Fuel tank	L	350	
Drive system			
Dry clutch		volume	
Gearbox		16+16 mechanical synchronizer	
Speed range		F:2.8-33.42/R:2.75-32.87	
Power output speed	r/min	540/1000 optional 760/1000 , 760/850	
Steering radius (by applying the brake on one side)	m	5.2±0.3	
Hydraulic lifter			
Types		High pressure split-type hydraulic lifter: floating control, position control; Electronically controlled lifter: force adjustment, position adjustment, comprehensive force and position adjustment, and floating control	
Suspension mechanism		Standard: three-point rear suspension, 3 categories (equipped with Category 2)	
Maximum lifting force of the system	kN	High pressure lifer: 45; electronically controlled lifter: 47	
No.of Multi-Way Values		Category II optional Category II or Category III	
Cab			
Air-conditioned cab		●	●
Warm air cab		○	○
Fan cab		○	○
Tire and structure mass			
Tire specifications (front/rear)		standard: 16.9-28/20.8-38	optional: 16.9-30/20.8-42 (double row)
Structural weight	kg	6250 (single tire) 7050 (double tires)	
Dimensions			
Length (Includes front counterweight and rear suspension)	mm	5300	
Width (general track, measured at the outside of the standard tire)	mm	2300 (rear single tire) 3400 (rear double tires)	
Height	mm	3150	
Wheelbase	mm	2787	

TRACTOR P3000



FEATURES OF P3000

The ARBOS P3000 wheeled tractor is a high ground clearance tractor designed for paddy field operations. The P3000 is equipped with the Japanese Yanmar 4TNV88 engine with a displacement of 2.19L. It adopts natural aspiration and has low fuel consumption and strong power; It is equipped with a three-stage fuel filter with an electronic fuel pump; It has electronic flameout control system.

KEY FEATURES

- Using Japan's original high performance engine, it is fuel-saving, reliable and powerful;
- It has light weight, small steering radius, high ground clearance, thus it is more suitable for paddy field operations;
- Using synchronizer shuttle shifting, side control of main and range shift, shock absorbing floor, etc., it is in line with paddy field operation habits;
- It can be equipped with agricultural machinery such as disc plough, disc harrow, dozer blade, rotary tiller, etc., and has good adaptability to working conditions;
- The appearance adopts the Italian design concept, with built-in air filter and the built-in silencer, the appearance is simple and atmospheric.

PRODUCTS INFORMATION

Item		Unit	P3504
Model		---	4×4Wheel type
Rated traction		kN	10.2
Maximum lifting force		kN	10.1
Maximum power of PTO shaft		kW	28.9-33.3
Dimension	Length (including rear suspension)	mm	3480
	Width (common tread, outside of standard tires)	mm	1570
	Height (standard tire)	mm	2260
Wheelbase		mm	1935
Wheel track	Front wheel	mm	1150
	Tread front wheel adjustment mode	---	Non-adjustable
	Rear wheel	mm	1155、1225、1325、1353、1453
	Tread rear wheel adjustment mode	---	Step adjustable
Ground clearance	Minimum ground clearance	mm	365 (Traction plate bracket)
	Agronomic clearance	mm	400
Steering angle		°	50
Minimum steering circle radius	Unilateral braking used	m	2.9
	Unilateral braking not used	m	3.2
Structure mass		kg	1615
Minimum use mass		kg	1780
Quality distribution	Front wheel	kg	700
	Rear wheel	kg	1080
Speed range		km/h	2.54-26.36
Engine	Trademark or brand		Yanmar
	Cylinder number	---	4
	Cylinder diameter × stroke	mm	88×90
	Delivery capacity	L	2.19
	Rated power	kW	34
	Rated speed	r/min	2800
	Maximum torque / speed	N·m/r/min	142-147.5/1200-1300
	Total Power at rated point Specific fuel consumption	g/kW·h	≤ 248
Perfusion capacity	Radiator	L	4.9
	Fuel tank	L	50
	Engine oil pan	L	9
	Chassis oil	L	27
	Front drive axle	L	4
L*W*H		mm	3400*1570*2260

TRACTOR
P5000



FEATURES OF P5000

P5000 could equip with different implements, Such as plow, rotary tiller, seeder, furrower and trailer etc. , as well as combine tillage machinery, also can supply power to water pump, thresher.

KEY FEATURES

- Streamlined cabin is newly designed with attractive appearance, good sealing performance, and noise lower than 80dB;It has optimized ergonomics design, makes more comfortable. All operating buttons and levers are conveniently touchable, which can reduces operating fatigue after long time work;
- Efficient turbochagerengine with a torque reserve up to 40% can ensure better fuel saving. Fuel consumption is low at 210g/kwh;
- The gearbox is equipped with two speeds power-shift technologies, and it shift gears without power cut-off, which reduces the driver's intensity;
- The imported Mita semi-split hydraulic lifter the modulating accuracy and the lifting force has been improved 10% more or less than local lifters.
- It has wide application with implements with high efficiency. 30 forwarding plus 30 reversing shifts allows a wide range of speed, from 0.3 to 40 km/h, which can fulfill all kinds of work.
- The gears and speed are set suitable, shift gears orderly. There are more gears for the users to choose in the major speed range (4-14km/h), which can improve efficiency and meet multi-operation.

PRODUCTS INFORMATION

Technical Specificaitons	Model	P5110	P5120	P5130	P5140	P5150
ENGINE						
Brand		ARBOS				
Type	Electronic Control, High pressure common rail					
Cylinders/rated speed		4/2200	6/2200	6/2200	6/2200	6/2200
Rated engien power(net/total)	kw	73.5/81	81/88.2	88.2/95.6	95.6/102.9	98.8/107.4
Transmission						
Main gearbox/gear		Five Speed,Synchro/30+30				
Change shift		synchro shuttle shift +wet cluth two speed powershift+creeper				
Pto	r/min	540/540E/1000				
Clutch		13" double dry clutch LUK				
Differential lock/4WD		electrohydraulic engagement				
STEERING AND BRAKES						
Radial tire		13.6R28/18.4R38				
Rear wheeltrack	mm	1630-1938				
Turning radius	m	4.65		5.45		
Speed range	km/h	0.34-38.53		0.32-38.53		
Oil tank	L	160				
HYDRAULIC						
Lift capacity at 610mm behind hitch point	kg	≥ 2400		≥ 2800		
Max.traction	kg	≥ 4200				
No.of remote valves		3/2				
Three points hitch		Cat.2				
APPEARANCE						
L*W*H	MM	4990*2190*2800		4978*2190*2845		
Wheelbase	MM	2397	2397	2681	2681	2681
Ground clearance	MM	497	497	497	497	497
Structure weight with Cabin	kg	4600	4600	4800	4800	4800
Cabin		A/C,TFT 7" digital display				

TRACTOR P7000



FEATURES OF P7000

ARBOS P7000 tractor, with a power range of 200-260 horsepower, is mainly used for combined ground preparation, plowing, deep loosening and other traction operations of heavy working conditions, as well as PTO operations such as harrowing and sowing.

KEY FEATURES



Powered by an indefatigable and frugal 6-cylinder engine, the Series 7000 uses an “implement powershift” transmission which offers the driver smooth, efficient and relaxing performance. The cab is also an operator's dream, with maximum comfort and minimum noise combined with ample space and above-average visibility.

PRODUCTS INFORMATION

Technical Specificaitons	Model	7220	7240	7260
ENGINE				
Brand		ARBOS		
Type		Common Rail		
Cylinders/rated speed		6/2200		
Rated engine power(net/total)	kw	161.76	176.5	191
Transmission				
Main gearbox/gear		5-speed ADVANCED+/- FWD+REV 60+15 (with 4 “IMPLEMENT Powershift” gears underload)		
Change shift		Powershuttle		
Pto	r/min	rpm 540Eco - 1000 - 1000Eco		
Clutch		Electronically controlled wet clutch		
Differential lock/4WD		100% diff lock with electrohydraulic engagement/Electrohydraulic engagement		
STEERING AND BRAKES				
Radial tire		420/85R30 520/85R42		
Rear wheeltrack	mm	2396		
Turning radius	m	5.5±0.2		
Speed range	km/h	0.38 ~ 40		
Oil tank	L	400		
HYDRAULIC				
Lift capacity at 610mm behind hitch point	kg	≥4200		
Max.traction	kg	≥7600		
No.of remote valves		5		
Three points hitch		category III		
APPEARANCE				
L*W*H	MM	5470*2550*3168		
Wheelbase	MM	2950		
Ground clearance	MM	565		
Structure weight with Cabin	kg	8263		
Cabin		Original sound-proofed, with silent block mounted platform, high visibility roof with rounded glass, up to 8 worklights (4 rear + 4 front) + telescopic rear-view mirrors		

TRACTOR GOLDONI STAR



FEATURES OF GOLDONI STAR

- Update base on GOLDONI Star series
- Update base on GOLDONI Star series
- 16F+8R dual power transmission
- 16F+8R dual power transmission
- Radial tire



KEY FEATURES



The ARBOS ORCHARD 4080F is the perfect answer to the needs of professionals who work in vineyards and orchards: power and manoeuvrability, reliability and performance make these tractors the ideal partners for working in the often difficult conditions of specialist growing. The key strength of the ARBOS 4080F is its compact size.

PRODUCTS INFORMATION

Technical Specificaitons		4080 F
Engine	Model	Italian FCA VM R753 engine
	Rated power	55KW/75HP
	Fuel supply	Common rail, turbocharged, liquid cooled, Inter cooler
	cylinders	4
	Emission	EU stage 3B
Transmission	Type gearbox	16F + 8R Dual power
	Clutch	Dry single-disc, 10"
	Rear differential lock	Mechanic
	Minimum speed	40 Km/h
PTO	Rotate speed	540/540E rpm
	PTO control	Mechanical
Tire	Front/Rear	240/70R16 , 320/70R24
Weight Dimensions	Wheelbase	1804 mm
	Height (super low)	2075mm
	Width	1364-1794 mm
	Ground clearance	242-257mm
	Weight with Rops	1900 Kg

TRACTOR GOLDONI STAR



FEATURES OF GOLDONI STAR

- Update base on GOLDONI Star series
- Italian VM R753 3-cylinder stage 3B engine
- 16F+8R dual power transmission
- 3 group hydraulic output
- Radial tire



KEY FEATURES



The ARBOS ORCHARD 4080F Pro is the perfect answer to the needs of professionals who work in vineyards and orchards: power and manoeuvrability, reliability and performance make these tractors the ideal partners for working in the often difficult conditions of specialist growing. The key strength of the ARBOS 4080F Pro is its compact size.

PRODUCTS INFORMATION

Technical Specificaitons		4080 F pro
Engine	Model	Italian FCA VM R753 engine
	Rated power	55KW/75HP
	Fuel supply	Common rail, turbocharged, liquid cooled, Inter cooler
	cylinders	4
	Emission	EU stage 3B
Transmission	Type	16F + 8R Dual power
	Clutch	Dry single-disc, 10"
	Rear differential lock	Mechanic
	Minimum speed	30 Km/h
PTO	Rotate speed	540/750 rpm
	PTO control	Mechanical
Tire	Front/Rear	240/70R16 , 320/70R24
Weight Dimensions	Wheelbase	1804 mm
	Height (super low)	2075-2108mm
	Width	1364-1794 mm
	Ground clearance	242-257mm
	Weight with cab	2070 Kg

TRACTOR GOLDONI QUASAR



FEATURES OF GOLDONI QUASAR

Update base on GOLDONI Quasar series
Italian VM R754 4-cylinder stage 3B engine
24F+12R transmission E-H control 4WD and differential lock
3 group hydraulic output with 90 Liters pump capacity
Super low profile Cabin with A/C



KEY FEATURES



PRODUCTS INFORMATION

Technical Specificaitons		4110Q
Engine	Model	Italian FCA VM R754
	Rated power	76 KW / 102HP
	Fuel supply	Common rail, turbocharged, liquid cooled, Inter cooler
	cylinders	4
	Emission	EU stage 3B
Transmission	Type gearbox	24F+12R Synchro Shift
	Clutch	Dry monodisc, 11"
	Rear differential lock	Electro-Hydraulic
	Minimum speed	38 Km/h
PTO	Rotate speed	540/750 rpm
	PTO control	Mechanical
Tire	Front/Rear	280/70R28 - 360/70R20
Weight Dimensions	Wheelbase	1923mm
	Height (super low)	Min 1804 mm
	Width	1170-1878 mm
	Ground clearance	172-247 mm
	Weight with cab	2540 Kg

CRAWLER RICE HARVESTER

AF SERIES



FEATURES OF AF SERIES

LOVOL AF108, full feed rice combine harvester, is a well-built high-end longitudinal axial flow model after years of technology upgrading and market validation with high specification, performance and quality, which is the upgrading product of similar models.

KEY FEATURES

Engine System

Equiped with Dachai-DEUTZ engine using German technology.Lower fuel consumption and more torque by utilizing the four-cylinder turbocharged system .

Running System

HST three-gear transmission with American Carlisle friction plate, NSK bearing and NOK seal ring.

Header syetem

Enhanced chains allow for a longer service life.

Header System

The torsional spring tooth performs better than similar tools in harvesting laid crops.

PRODUCTS INFORMATION

Product Model			AF88	AF108
Items			Elevated Discharge	Specification
Dimensions	L*W*H		5160*2750*2750	5160*2610*2750
Weight(kg)			2970	2970
Engine	Model		Dachai-CA498Z-09T2/01	Dachai-CA498Z-10T2/01
	Structure Type		Water-Cooled Four-Stroke Turbocharged Engine	Water-Cooled Four-Stroke Turbocharged Engine
	Rated Power		65	74
	Rated Speed (r/min)		2400	2400
	Fuel type		Diesel (0#)	Diesel (0#)
	Fuel Tank Volume		95	95
Movement System	Track	Specification [Width (mm) Link Pitch (mm) Quantity(Link)]	500×90×51	500×90×53
		Gavge(mm)	1150	
	Min. Ground Clearance (mm)		325	325
	Gearbox Type		(HST)	(HST)
	Transmission type		(3-gear Range Shifts) Continuously Variable-Speed Forward and Backward	(3-gear Range Shifts) Continuously Variable-Speed Forward and Backward
	Theoretical Traveling Speed (km/h)		Low Speed 0 ~3.96 Standard Speed 0 ~5.14 Walk Speed 0 ~7.37	Low Speed 0 ~ 3.96 Standard Speed 0 ~ 5.14 Walk Speed 0 ~ 7.37
Header System	Header Width (mm)		2000	2200
Threshing System	Threshing type		Longitudinal Axial Flow Bar Tooth Type	Longitudinal Axial Flow Bar Tooth Type
	Threshing Cylinder	Outer Diameter(mm)	Φ620×1954	Φ620×1954
		Rotation Speed (r/min)	580	580
Grain Unloading System	Tank Volume (L)		1400	1400
	Grain Unloading Rotation Range (Degree)		270	/
	Unloading Grain Height Range (mm)		920 ~ 4200	/
Electronics and misc	Battery	Voltage (V)	12	Rotation Driving System
	Starting relays	Rated current (A)	50	50
		Voltage (V)	12	Grain Unloading Outlet Height Range(mm)
	Hydraulic Oil Tank Volume		21	21
Hourly Production (h m³/h) (Vertical dry field crops environment)			☆0.3 ~ 0.7	☆0.3 ~ 0.7

CRAWLER RICE HARVESTER

RG SERIES

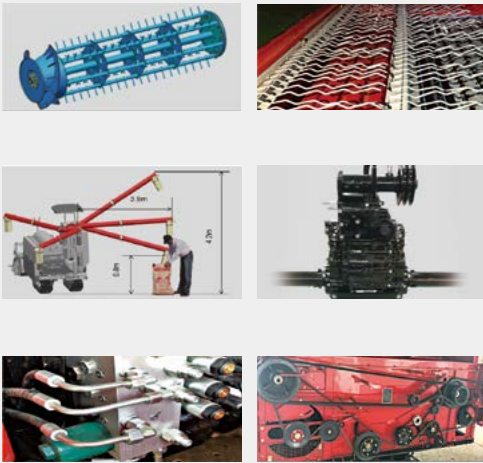


FEATURES OF RG SERIES

Ultra-fast harvesting speed, high work efficiency. Fully optimized threshing and cleaning system to ensure that every grain should be sent to the granary. Sufficiently rigid-tough chassis system with high trafficability through bad field. Excellent machine configuration, global procurement of core components. Service guarantee upgrading, GPS positioning, full-process tracking, direct arrival of accessories.

KEY FEATURES

- 2210mm long threshing cylinder, large threshing separation area, strong threshing separation capacity, clean threshing, small entrainment loss.
- The sieve box and traveling sieve use a two-segment front and rear finger sieve to achieve uniform material distribution and more disperse shaking.
- Adoption of a 3.9m prolonged left and right rotary unloading cylinder driven by a hydraulic motor to meet the requirements of long-distance, large-scope, high-position and low-position unloading.
- The transmission uses Lovol 100 transmission, the gear is widened, and the bearing capacity is strong; engagement sleeves are used for gear shifting to reduce gear wear and achieve reliable quality.
- The control system uses the solenoid valve control mode to realize the operation and control of the components such as header, reel, unloading grain, etc. The operation is comfortable and labor-saving.
- Walking belts, grain tailing belts, threshing cylinder belts, across-axle reversal belts, sieve box drive belts, and unloading belts all use BANDO belts.



PRODUCTS INFORMATION

Model	RG108	RG128
Overall dimensions (mm) length*width*height	5200X2750X2750	6120X2970X3070
Total weight(kg)	2970	4100
Engine brand	Yuchai, Quanchai/100HP	Yuchai 125 HP
Fuel tank volume (L)	130/160	180
Cutting width (mm)	2000/2200	2400
Across-axle width (mm)	550	550
Auxiliary functional components	Across-axle reversal	Across-axle reversal
Drive axle/ transmission	Lovol 65 axle/ Lovol 80 axle	Lovol 100 axle
Gauge (mm)	1150	1350
Track size (mm) width * pitch * pitch number	450/500X90X53 (Tread cleat)	500/550X90X59 (Tread cleat)
Chassis drive mode	Hydraulic stepless speed regulation	Hydraulic stepless speed regulation
HST model / displacement	Kanzaki 38/Intepap 45	Kanzaki 52/Intepap 50
Threshing and cleaning structure form	Single longitudinal axial flow	Single longitudinal axial flow
Threshing cylinder type	Rod tooth cylinder	Rod tooth cylinder
Cylinder size (mm)	φ616X2050	φ616X2210
Sifting box structure form	Dual-layer vibration sieve	Dual-layer vibration sieve
Cleaning width (mm)	840	1000
Unloading mode	Hydraulic high-position unload, left and right rotary lift unloading cylinder	Hydraulic high-position unload, left and right rotary lift unloading
Chopper	Optional	Optional
Awning	Standard configuration	Standard configuration
Air-conditioned cab	Optional	Optional

WHEELED GRAIN COMBINE HARVESTER

GM SERIES



FEATURES OF GM SERIES

LOVOL GM80 Wheeled combine harvester is a newly designed combines which is used for corn harvesting and by changing some special parts, it can harvest wheat, rice, oilseed rape, soybeans and so on. The combines have such characteristics as high efficiency and excellent cleaning system and comfortable driving.

KEY FEATURES

- Longitudinal axial flow threshing separation technology, compact structure, the cylinder diameter of 600mm, the separating area of 2.75m² and completely cleaning.
- 920mm wider feeding unit makes the grain feeding more smoothly and with high conveying efficiency , high working speed and high efficiency.
- 600mmx3145mm threshing cylinder, 1000mm cleaning chamber and 3.2m² cleaning area, makes the grain more clean.
- 260mm enclosed and rotary unloading auger could unloading the grains more quickly.
- 2.6m³big grain tank could reduce the unloading times and improve the working efficiency.
- Header upgrading increases 10% speed and ensure the smooth feeding.
- Patent conveying device is with high efficiency and without blocking.

PRODUCTS INFORMATION

MODEL	GM80	GM80-C	GM80-B
L*W*H(mm)	7000x3090x3470		
Weight (kg)	7050		
Engine brand	Yuchai engine		
Power kw/HP	129/175		
Threshing cylinder type	Longitudinal axial flow		
Threshing cylinder diameter x Length	600x3145		
Separating area (m ²)	2.75		
Cleaning area (m ²)	3.25	5 Rows	3.25
Width of cleaning chamber (mm)	1000		
Driving axle	HydroStatic + Mechanical		
Driving tracks (mm)	1900		
Steering tracks (mm)	1900		
Grain tank capacity (m ³)	2.6		
Fuel tank (L)	260		
Harvesting of crops	Wheat	Corn	Soya

WHEELED GRAIN COMBINE HARVESTER

GK SERIES



FEATURES OF GK SERIES

The machine is equipped with a 4.57m flexible header, and can be equipped with 4.57m rigid table or 6 rows of corn grain headers to complete harvesting of various crops such as wheat, rice and corn. GK series combine harvester has such advantages of reliable performance, high operating efficiency, good adaptability and so on.

KEY FEATURES

- It adopts American imported hydrostatic drive chassis (large displacement variable pump + quantitative motor), comfortable operation, low failure rate, synchronizer gearbox, and the operator is more labor-saving and convenient;
- Adopting large-diameter centrifugal fan, the wind speed can realize stepless adjustment, combined with multi-stage wind direction adjustment, the wind is even, and the cleaning effect is good;
- Reinforced four-wheel drive high ground clearance chassis with widened tires for good drive performance, strong road and field access and higher adaptability;
- It is equipped with excellent engines of Yuchai- III 220 horsepower, with strong power, sufficient reserve power and higher operating efficiency;
- The folding type 7m3 large granary has long continuous operation time, which can realize multi-angle unloading of grain, and it is convenient, quick and efficient to unload grain;

PRODUCTS INFORMATION

PRODUCT MODEL			GK120
Power parameter	Motor	Brand	Yuchai/LOVOL
		Model	YC6A220-T300/1106D-SR6TA23
		Rated power(Kw)	162
Header parameter	Cylinder No./Cutting width(mm)		6/5336
Performance parameter	Dimension mm	Length*Width *Height (mm)	10200*4150*4400/9520*5700*4400
	Feed quantity(kg/s)		12
	Weight(kg)		12190
Threshing	Threshing system		lengthways
	Concave grate		Grate
Grain storage system	Grain tank capacity m³		7.0
	Unloading method		Multi directional unloading
Chassis system	Driving type		4X4
	Drive wheel		14.9-24
	Transmission		Mechanical
Electric system	System voltage/ battery configuration		24V/2×6-QA-165
Hydraulic system	Pressure of working device system Mpa		14.5MPa
	Hydraulic pump	Form	CBTLJ-E416/E410 double sinistrogyration gear pump
		Displacement cc/r	Front pump 8cc/r, rear pump 6cc/r
		Rated pressure Mpa	16MPa

ARBOS

SILAGE HARVESTER



FEATURES OF SILAGE HARVESTER

Germany's original Kemper 445 headers adapt to the majority of corn crops in China, The imported roll-type grain breaker rolls have a breaking rate of 98% or more, Equipped with Weichai 460hp engine with strong power and high reliability.



KEY FEATURES

- Six-stage cutting length adjustable to meet the requirements of various operating conditions of pastures;
- With functions such as automatic knife sharpening, automatic lubrication, metal detection, etc.;
- Key bearings, belts and blades for shredding rolls, grain breakers, etc. are imported;
- German original Linde hydrostatic traveling system has features such as one-lever control and high driving comfort;
- Adoption of imported high-end seats and handrails having better ergonomics than similar competing products;
- A 1000L large capacity fuel tank, a spray tank.

PRODUCTS INFORMATION

Item		Metering unit	Value
Model		/	4QZ-30A1
Silage harvester header		mm	4500/Germany's original Kemper 445 header
Engine	Brand	/	Weichai WP12
	Power	ps	460
Fuel tank volume		L	1000
Feed chamber width		mm	730
Chopping knife roll	Width	mm	750
	Diameter	mm	630
	Quantity	piece	20
Cutting length		mm	Six-level adjustable 5/6.5/8.5/11/17/21
Grain breaker roll	Type	/	Double rolls
	Width	mm	645
	Diameter	mm	196
Spray tank	Volume	L	300 (Standard configuration)
Metal detector		/	Standard configuration
Automatic lubrication		/	Standard configuration
Spray cylinder rotation angle		°	210
Traveling mode		/	Hydrostatic drive / one-lever control
Traveling speed		km/h	0-32
Throwing height		mm	5600

ARBOS MATERMACC

DRILL MACHINE



FEATURES OF MECHANICAL DRILL MACHINE

Mechanical drill machine for cereals, rapeseed, soy, lucerne and other forage in rows on prepared soil. This is a compact drill machine with single disc unit, and has a working width from 2,5 m to 4 m.

KEY FEATURES



- Rigid tool bar with three point hitch
- Painted seed tank
- Loading platform
- Drive wheels 6.50x15"
- Mechanical half-drill shut-off device
- Centralized coulter pressure adjustment
- Step-less CVT gear box with seeding rate test handle
- Seed emptying trays
- Transport lights kit
- "Low seed level" acoustic alarm



PRODUCTS INFORMATION

TECHNICAL FEATURES	MEK250-1	MEK250-2	MEK250-3	MEK300-1	MEK300-2	MEK300-3
N° ROWS	17	19	21	19	21	23
ROW SPACING MAX	14.7cm	13.2cm	12.0cm	15.8cm	14.3cm	13.0cm
TOOL BAR	250cm	250cm	250cm	300cm	300cm	300cm
WEIGHT	540kg	550kg	560kg	625kg	640kg	655kg
POWER REQUIRED	50hp	50hp	70hp	50hp	70hp	70hp
SEED CAPACITY	420L	420L	420L	500L	500L	500L

TECHNICAL FEATURES	MEK300-4	MEK350-1	MEK350-2	MEK350-3	MEK400-1	MEK400-2	MEK400-3
N° ROWS	25	25	27	29	29	31	33
ROW SPACING MAX	12.0cm	14.0cm	13.0cm	12.0cm	13.8cm	12.9cm	12.0cm
TOOL BAR	300cm	350cm	350cm	350cm	400cm	400cm	400cm
WEIGHT	670kg	740kg	755kg	770kg	840kg	855kg	870kg
POWER REQUIRED	70hp	90hp	90hp	90hp	90hp	100hp	100hp
SEED CAPACITY	520L	585L	585L	585L	670L	670L	670L

ARBOS MATERMACC

PRECISION SEEDERS



KEY FEATURES

Fast adjustment

- EASY-SET system, by inserting and extracting adjusting bolt, the row spacing can be quickly and accurately adjusted;
- Depending on the various crops and fertilizer requirements, the amount of fertilizer can be quickly adjusted;
- The remained manures and seeds in manure boxes and seed boxes can be rapidly unloading and easy to recover;
- String automatic transmission tower wheel can quickly adjust row spacing;
- Planting depth can be quickly adjusted to meet the sowing needs of different regions.

High precision

- The maximum adjustment range of depth roller individual profiling is 35cm,which is more competitive compared with the adjustment range of other similar products, and can adapt to different working environment in different regions and a variety of soil conditions to ensure consistent sowing depth;
- Electronic tagging land wheel and seed arrangement monomer, automatic alarm seeding abnormal situation to ensure the accuracy of seeding effect;
- Press wheel ground position light signal pressure has four adjustable speeds with large adjustment range, and the suppression effect is good;
- Seed metering device uses negative pressure air suction, no friction, does not hurt the species, with a patented blocking seed piece, the leakage rate, the resowing rate is less than 0.5%;

Good adaptation

- Gaps in scraper of double-disk digger is adjustable, the effect of cleaning soil is good, suitable for jobs in a variety of working conditions;
- Suitable for planting beans, corn, sunflower, sugar beet and other crops.

PRODUCTS INFORMATION

TYPE	NO. OF ROW	ROW SPACING/ CM	WORKING WIDTH /CM	WEIGHT/ KG	MATCHED POWER/HP	SEED CASE VOLUME/L	MANURE BOX VOLUME/L	DIMENSION (L*W*H)M
2BTQF-4A	4	40-70	160-250	1100	57-75	140	430	2.15*2.5*1.56
2BMQF-6A	6	40-70	240-400	1500	75-100	210	430	2.55*4*1.56
2BMQF-9A	9	40-70	360-600	1900	125-163	315	645	2.55*6*1.56
2BMQF-12A	12	40-70	480-800	2300	185-211	420	1290	2.55*8.2*1.56
2BTQF-18A	18	23-65	480-800	3370	≥210	630	1290	2.55*8.2*1.56

FEATURES OF PRECISION SEEDERS



Disc coultter with depth control blade



Disc coultter with seed press wheel



Double disc coultter



Double disc coultter with seed press wheel

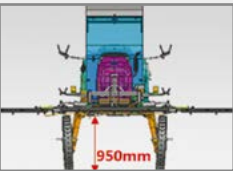
ARBOS SELF-PROPELLED SPRAYER



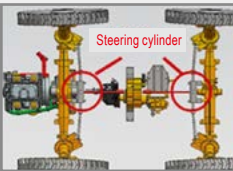
FEATURES OF SELF-PROPELLED SPRAYER

ARBOS self-propelled sprayer, with Japan Yanmar engine, HST Transmission, Lovol axle, Italy ARAG nozzle and other advanced technology and high-quality parts, with 500 liters tank capacity, 950 cm ground clearance and 11.5 m spray width.LOVOL 3WP-500 self-propelled boom sprayer have good adaptability, high reliability, high performance, comfort ride and other advantage, which can meet the needs of plant protection for rice, wheat and other crops.

KEY FEATURES



Min ground clearance 950mm
High across ability
High stability
Suitable for many crops



2600mm Turning radius
Four wheels steering
Small turning radius
Reduce crops damage caused by rolling



Four-wheel drive (differential lock)
Precision Steering Control
To prevent slipping
Easy to manipulate



Japan Yanmar engine 23 hp
Stable Power
Low Noise and Low vibration
Low Fuel consumption, High Fuel economy.



HST stepless variable transmission with 3 speed modes
One shifting handle for all control
3 speed modes for all work



Big Fuel Tank 28L
Long time working without refuel
Plastic material, anti-corrosion



Italy ARAG nozzle
Imported nozzle from Italy
High atomization effect
Multiple combinations



Combinatorial design for Chemical tank (500L) and water tank (20L)
Saving space
High capacity
Practical and beautiful



Graphic instrument based on ergonomic
Full control for working situation
All control button are based on ergonomic



Double filtering system (2 water filter+3 Chemical filter)
Water absorption system, Double filters
Sprinkler system, Three filters

PRODUCTS INFORMATION

SPECIFICATIONS		3WPZ-800C	3WP-500
Dimensions	Length x Working width x height	4850 x 9900 x 2730	4110 x 9900 x 2730
	Minimum ground clearance (mm)	1100	950
	Total weight (kg)	1780	1270
Engine	Brand	LOVOL	Yanmar Engine (Shanghai) Co.,Ltd
	Displacement (L)	/	1.116
	Rated power (HP)	50	23
	Rated speed (r/min)	2400	2800
	Fuel tank (L)	38	28
	Driving type	4WD	4WD
Running system	Working speed (km/h)	0~6.2	0~5.4
	Running Speed (km/h)	0~22	0~10
	Wheel base (mm)	2300	1500
	Wheel track (mm)	2300	1500
	Turning Type	Four wheels turning	Four wheels turning
	Steering control	Hydraulic	Hydraulic
	Transmission	Machanical Structare	HST, 3 Modes Speed
	The minimum turning radius	4000	3200
	Number of differential lock	/	2, Front And Back
Spraying system	Capacity of spray tank(L)	800	500
	Rated working pressure (MPa)	0.3~0.5	0.5~2.0
	Spraying Width (m)	16.5	11.5
	Spraying Height (mm)	/	480~1480
	Number of nozzle	33	Hollow taper + half sector
	Number of nozzle (piece)	/	23+2
	Nozzle spacing (mm)	500	420
	Hydraulic pump	Type	Diaphragm Pump
		Brand	/
		Flow (L/min)	100
		Speed (r/min)	600
	Multi-function	/	Can equip with fertilizer drill
	Efficiency (Ha/h)	4~5.3	2.8~4

ARBOS

TRACTION TYPE AIR-ASSISTED SPRAYER



FEATURES OF TRACTION TYPE AIR-ASSISTED SPRAYER

- Intelligent control, free spray. The most advanced quantitative governing technology is used, and the amount of spray can be adjusted at any time as needed to improve work efficiency and also reduce pesticide consumption;
- Dual wind technology, strong wind force. The optimized dual-air supply duct system improves airflow accuracy, and reduces wind resistance, achieving stronger wind force, better penetrability, higher covering rate of sprayer, and lower damage rate of fruit branches and leaves;
- Three-speed control, adjustable air volume. Transmission three-speed control, adjustable fan speed, adapting to fruit trees of different growth cycles and different leaf hardness;
- Profiling design, precise spray. The profiled stainless steel spray bar optimized according to fruit tree horticulture uses an imported two-way ceramic anti-drip spray nozzle, which can be opened and closed as needed and is durable.

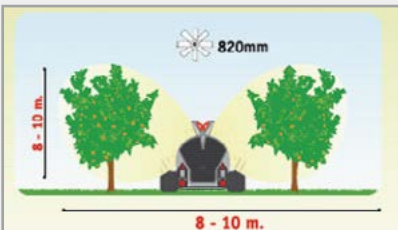
KEY FEATURES



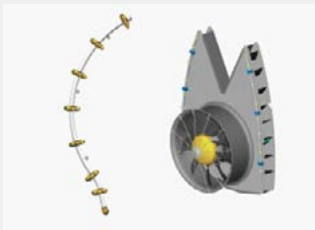
Large capacity spray tank design



Unique air supply duct system



Fruit tree canopy profiling design



Air curtain structure design,
precise spray



Three-speed control,
adjustable air volume



User's real work

PRODUCTS INFORMATION

	Product model	ZF62000 (3WQF-2000)	ZF62000A (3WQF-2000A)
Machine parameters	Working state (mm) length * width * height	4190*1500*1700	4190*1500*2267
	Structural mass (kg)	650	650
	Drive mode	Traction type	Traction type
	Walking speed (km/h)	≤25	≤25
	Minimum ground clearance (mm)	365	365
Spray system	Spray tank volume (L)	2000	2000
	Clear water tank volume (L)	150	150
	Mixing mode	Jet mixing	Jet mixing
	Rated operating pressure (MPa)	0 ~ 1.0	0 ~ 1.0
	Spray control mode	Electrical control pressure regulation	Electrical control pressure regulation
	Spray nozzle model	80°Hollow cone	80°Hollow cone
	Number of spray nozzles (piece)	16	20
	Liquid pump	Type	Diaphragm pump
		Maximum pressure (MPa)	4
		Flow rate (L/min)	125
		Speed (r/min)	550
Air supply system	Diameter (mm)	915	915
	Number of fan blades	12	12
	Air volume (rated speed) m³/h	40000	40000
	Speed (rpm)	2356	2356

LOVOL

PLANT PROTECTION DRONE



FEATURES OF PLANT PROTECTION DRONE

- Under-paddle pesticide application: achieve pesticide pressing down and ensure a good atomization effect without drifting;
- RTK (centimeter-level positioning): dual RTK antenna, redundant design, more accurate positioning;
- Imitation flight: imitation flight according to height variation to improve pesticide utilization rate.



KEY FEATURES

LOVOL D30 (3WWDZ-20) Remote control multi-rotor plant protection drone

- Easy to operate, one day to learn ;
- Cm-level positioning (RTK), more accurate operation ;
- Fully automatic flight, automatic planning of routes, fixed height, constant speed, constant flow and precise spraying ;
- Maximum capacity 20L, spray width 4-6 meters, suitable for a variety of plots ;
- Spray under the paddle, more penetrating ;
- Cloud platform comprehensively monitors aircraft status, troubleshooting is simple ;
- Pluggable arm for easier transportation.

LOVOL D15 (3WWDZ-10) Remote control

- Easy to operate, one day to learn ;
- Cm-level positioning (RTK), more accurate operation ;
- Fully automatic flight, automatic planning of routes, fixed height, constant speed, constant flow and precise spraying ;
- Maximum capacity 10L, spray width 2-3 meters, suitable for a variety of plots ;
- Spray under the paddle, more penetrating ;
- Folding design for easy transfer ;
- Cloud platform comprehensively monitors aircraft status, troubleshooting is simple.The left and right shroud use gas spring open support structures, maintenance, repair are more convenient.

PRODUCTS INFORMATION

SPECIFICATIONS		UNITS	D30	D15
Overall size	Structure type	/	Four-axis eight-rotor	Six rotor
	Dimensions (diameter)	φ	3500	1430
	Dimensions (height)	mm	700	540
	Symmetrical motor wheelbase	mm	3470	1300
Power system	Brushless motor life	h	≥2500	≥2500
	Propeller	/	carbon fiber	carbon fiber
	Propeller diameter	mm	760 (30inch)	610 (24inch)
Spray system	Medicine box capacity	L	20	10
	Nozzle type	/	Sector/cone	Sector/cone
	Number of nozzles	in.	5	2
	Standard spray width	m	6	3
	Flow	L/min	0.2-2.5	0.2-1.2
	Drop diameter	um	80-120	80-120
Flight system	Control mode	/	Manual / fully automatic	Manual / fully automatic
	Empty weight	Kg	27.4 (Battery included)	16.3 (Battery included)
	Maximum effective takeoff weight	Kg	47.4	26.3
	Battery capacity	mAh	22000 (12s) Smart battery	12000 (12s) Smart battery
	battery capacity	Min	10 (Full load)	10.5 (Full load)
	Work efficiency	Mu/min.	2-3	1.2-1.8

LOVOL

SIDE-MOUNTED SQUARE BALER



KEY FEATURES

Reliable performance, efficient operation

- Using imported Heavy type knotter from Germany with more stable performance and higher reliability;
- 6 tooth bars, big cam drum pickup, pickup is clean, operation is efficient;
- Side traction, grass strips are not rolled, nutrition is well kept;
- Plug-feeding structure, grass strip does not wound, block, which is more suitable for baling of forage and other crops with long straw ;
- Casting one-piece piston rod, with high strength, and more powerful compression;
- Open gear binding mechanism gearing with transmission of reliability and high efficiency;
- The rack uses totally ordered welding jig, the entirety is welded structure with high strength, good driving stability.

Easy to operate

- Using double transmission shaft to connect to the tractor, with easy connection, safe, flexible turning;
- Adding overrunning clutch, which can effectively prevent transmission failure.
- The left and right shroud use gas spring open support structures, maintenance, repair are more convenient.

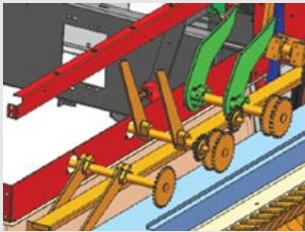
PRODUCTS INFORMATION

SPECIFICATIONS		UNIT	MF5040
Dimension and weight	Dimension (L*W*H)	mm	6114×3048×1797
	Total weight	kg	1685
Pickup	Pickup width	mm	1900
	Tooth bar quantity		6
	Tooth quantity		78
Feeding mechanism	Structural style		Feeding shifting fork is with 3 pairs of rotating shifting fork
	Feeder tooth quantity		8 pieces
	Overload protection device		Safe shear bolt
Piston	Rated reciprocating frequency	time/min	93
Bale chamber	Bale chamber cross-section	mm	360×460
	Bale length	mm	305-1321
Matched power	Matched tractor power	hp	≥75
	PTO speed	r/min	540
Tyre	Model		Right 10.0-15 Left 13.5-15

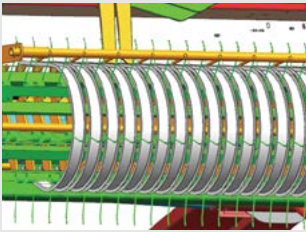
FEATURES OF SIDE-MOUNTED SQUARE BALER



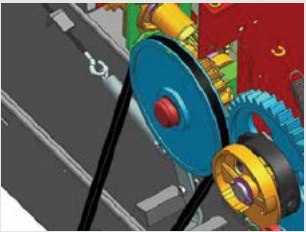
Imported heavy knotter from Germany



Pusher type feeding structure



Big roller pickup with 6 tooth bars



Open gear drive



LOVOL

ROUND BALER



FEATURES OF ROUND BALER

Round baler has the characteristics such as high reliability, high work efficiency, high degree of automation, high bundle density, strong adaptability, etc. Round baler can carry out picking and bundling operations on pasture and wheat, rice and corn stalks, as well as pasture ensilage operations.

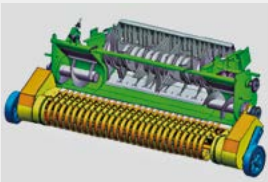


Automatic and manual working modes, free to switch



Y-traction beam

KEY FEATURES



Integrated pick-up and feeding system



Imported sensor



High-strength rollers and chains



Centralized lubrication of chains with thin oil

- The integrated pick-up and feeding system is provided with 7 cutters, and has outstanding shredding and feeding ability; in addition, 6 spring-toothed super pickers with camless disc structure are adopted to achieve high picking efficiency and low failure rate.
- The whole machine has automatic and manual working modes; the user can freely choose them according to actual operating conditions; in the automatic mode, the machine can realize automatic winding, cutting and resetting, and is convenient and reliable.
- The electric control system uses an audible and visual alarm device and a Chinese display interface to inform the operator of the machine operation data in real time and in multiple directions.
- It has high work efficiency and can achieve a complete cycle of “picking-feeding-bundling-door opening-bundle releasing-door closing” within 63S in the automatic mode.
- The distance between the feeding rotor and the bottom plate can be adjusted hydraulically, and the feeding amount is large without blockage.

PRODUCTS INFORMATION

SPECIFICATIONS	MR7040 (9YRZ-1.25)	MR7045 (9YRZ-1.25A)
Outside dimension (mm)	4410×2780×2440	4410×2780×2440
Kerb mass (kg)	About 3300	About 3500
Operation width (mm)	1900	2300
Bundling mode	Wrapping	Wrapping
Number of shaped bundles (piece)	18	18
Straw bundle dimension (diameter*width, mm)	1250X1230	1250X1230
Feeding mechanism type	Rotor type	Rotor type
Number of cutters (piece)	7	7
Operation efficiency (bundle/H)	30-50	30-50
Supporting power (hp)	≥100	≥100
Applicable voltage (V)	12	12
PTOSpeed (r/min)	540	540
Safe protection device	Safety bolt	Safety bolt

LOVOL

LOW TEMPERATURE CYCLING GRAIN DRYER



KEY FEATURES

Advanced drying structures and processes, high-quality grain drying

- Using multi-channel (6 exercise type), film, cross-flow structure, to ensure that material flow is even without dead ends, air distribution is uniform, grain drying has high-quality;
- Low temperature and large air circulation drying process, higher tempering drying time rate, smooth grain moisture transfer speed, and good nutrient retention.
- Embedded ultralow close nesting design, grain damage is small, percentage of damage is low.

Advanced control system, simple operation, precise control

- The unique design of automatic regulating device of hot air temperature, hot air temperature can be controlled $\pm 1^{\circ}\text{C}$ to ensure the continued stability of the drying process;
- Using high quality computer automatically moisture meter ,the operation is easy, the measure is sensitive, accurate, reliable, which can ensure safety drying;
- Control box uses type operation panel, which is easy to operate and durable.

Reliable quality, efficient operation

- All high-speed grain flow components are manufactured by wear-resistant materials treated by a special process, and reliability are increased;
- All parts in contact with the gas are manufactured by stainless steel materials, which has excellent corrosion resistance;
- New leakage blocking design, speed of in and out of materials is fast, the operation efficiency is high;
- The motor, bearings and electrical components are used well-known foreign brand products, which have high reliability, and low failure rate.

PRODUCTS INFORMATION

SPECIFICATIONS		5HXW-12	5HXW-15	5HXW-21
Handling capacity (kg)	Wheat	14520	18150	21780
	Rice	12000	15000	18000
Dimension mm (L*W*H)		4530x3048x8250	4530x3048x9500	4530x3048x10750
Total weight (kg)		2568	2768	2968
Heat source (optional)	Form	Cowper stove		
	Sparking mode	Automatic, manual		
	Consumption (kg/h)	Biomass fuel rice husk	50-60	
		Coal	≤30	
Fuel	Rice husk, corn cobs, coconut shells, wood scraps, coal			
Rated voltage	Three phase 380V 50Hz			
Required(KW)	10.79			
Performance	Grain input time	About 50 minutes	About 55 minutes	About 60 minutes
	Grain output time	About 45 minutes	About 50 minutes	About 55 minutes
	Precipitation rate	0.6~1.2%/h		
	Machine start volume	Rice: 2800 Wheat: 3388		
Safety device	Air pressure switch, hot air temperature detecting device, flame detecting device, abnormal overheating detecting device, thermal relays, leakage protection single-phase circuit breakers, full amount detecting device.			

FEATURES OF LOW TEMPERATURE CYCLING GRAIN DRYER



6 slot type stainless steel dryer section



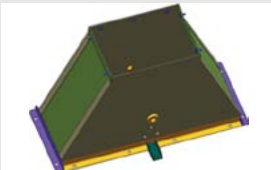
Embedded type ultra-low speed close layout mixing



High quality import online computer automated analyzer



Foreign well-known motor, bearing and electrical components



Anti-blocking product-discharge system



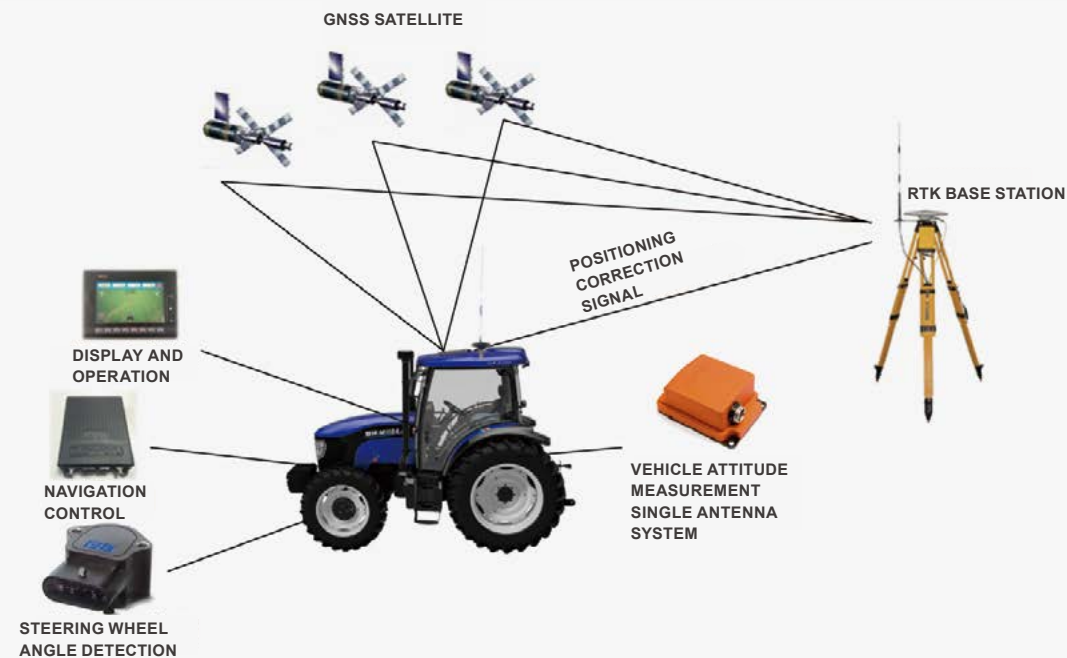
Typing operation panel

AGCS- I AUTOMATIC NAVIGATION DRIVING SYSTEM

AGCS-I automatic navigation driving system consists of hydraulic steering valve, GNNS positioning antenna (two for dual antenna system, and one for single antenna system), angle measurement sensor, controller, attitude sensor (applicable to single antenna system), display, RTK differential base station, etc. Through path planning and trajectory tracking control, the system can realize all-weather auxiliary automatic operation of agricultural machinery, and is applicable to precision seeding, land tillage, fertilization, spraying, making ridge, etc. The navigation assisted automatic operating system is suitable for installation on the ≥ 70 hp model with a cab, supports BDS/GPS/GLONASS three-star positioning, and has good stability.



- Standard configuration: automatic navigation (driving) working mode; optional unmanned working mode
- High precision 2D (dual antenna), 3D (single antenna) terrain compensation correction
- Navigation tracking adapting to straight lines; optional navigation tracking adapting to broken lines, small curvature curves, etc.
- The main performance indicators are as follows: 1) linear navigation control accuracy: ± 2.5 cm; 2) steering angle control accuracy: $\leq 0.5^\circ$; 3) average line connection accuracy: ± 2.5 cm; autonomous differential base station operating radius up to 30km.



AGCS-II STEERING WHEEL AUTOMATIC NAVIGATION

Controller: Built-in high-precision positioning board; through RTK technology calibration, centimeter-level positioning, path planning and trajectory tracking control are achieved, so that a vehicle walks according to the predetermined trajectory. The hardware and control software have completely independent intellectual property rights.

Display: 8" high-resolution TFT true color touch screen, industrial grade, strong environmental adaptability and high reliability; Chinese-Uygur bilingual interface, real-time display of job information, simple operation

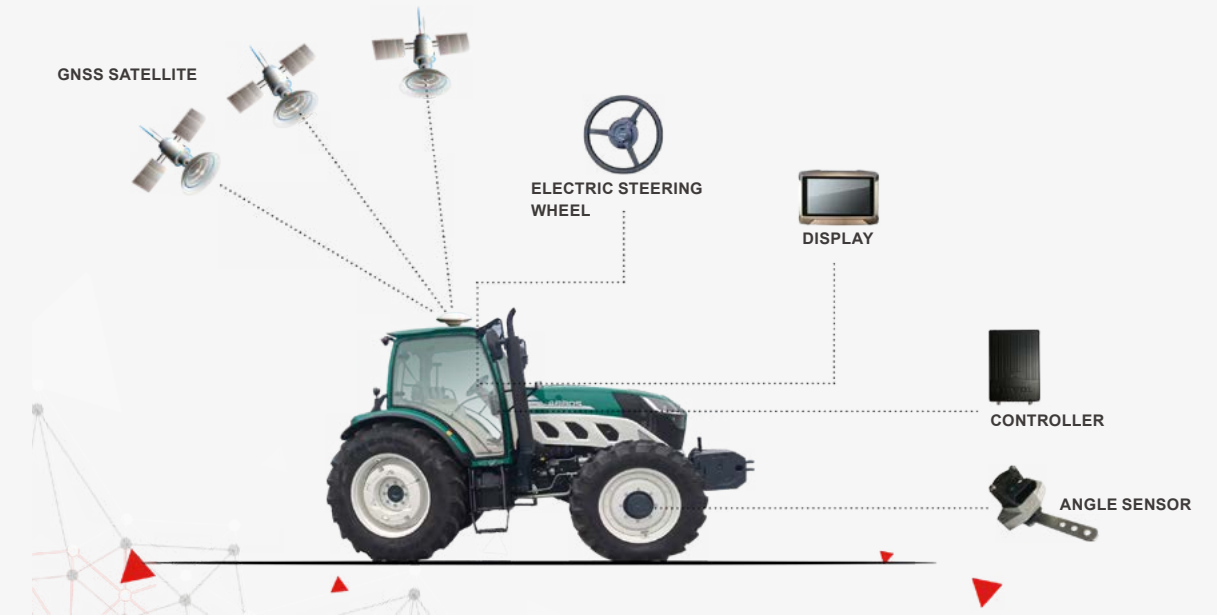
Angle sensor: mechanical self-reset function; resistant to water, oil, gas, vibration, etc.; applicable to places with frequent changes in angle, severe environment, etc.

Satellite positioning antenna: Wide-band dual-frequency multi-mode positioning antenna covering satellite systems such as Beidou, GPS, GLONASS, etc.; strong environmental adaptability and high reliability; used in cooperation with high-precision positioning boards.

Electric steering wheel: continuous and precise control via a motor. Simple installation; no need to refit complex hydraulic components; high efficiency completion in cooperation with Lovo high-precision receiver



- When it is used for seeding operations, the driver's driving level is not strictly limited, thus saving 60% of the operator's salary.
- Not limited by light and day and night; fast speed; improving work efficiency by at least 20%
- Solving the bottleneck "non-straight sowing lines, inaccurate line connection"; increasing harvesting rate by 2%~3%; increasing the income per mu by 60~90 yuan
- When it is used for seeding operations, the land utilization rate can be increased by at least 0.5% to 1%.
- The residual film recovery rate is increased by 8%~10%.



LOVOL R&D

TECHNOLOGY INNOVATION IS THE SOUL FOR ENTERPRISE DEVELOPMENT.

Lovol has completed building a global R&D system architecture, comprised of the “Italy-Tianjin-Weifang” agricultural equipment R&D system and the “Japan-Tianjin-Qingdao” construction machinery R&D system. It owns 4 R&D centers, 2 prototype testing centers and has formed the business model of “Developed in globe, made in China, distributed to the world”.

The company has more than 2,000 R & D staff, applied for 868 domestic patents and 8 foreign patents, and presided over or participated in the formulation/revision of 63 national and 7 industrial standards.



Europe R&D Center



Tianjin R&D Center



Shandong R&D Center



Japan R&D Center

Lovol Europe R&D Center was founded in Bologna and it attracts leading experts experienced in engine installation and layout,transmission,hydraulic.

Lovol Japan R&D Center was founded in Kobe and Osaka and it has leading experts experienced in machine matching, power, hydraulics, electronic control, test and verification working there.

EIGHT MANUFACTURE BASES IN GLOBAL



4 R&D Capacity Center,2 prototype testing Center

- ◆ Hydraulic Capacity Center
- ◆ Electric Control Capacity Center
- ◆ Transmission Technology Center
- ◆ Vehicle Technology Center



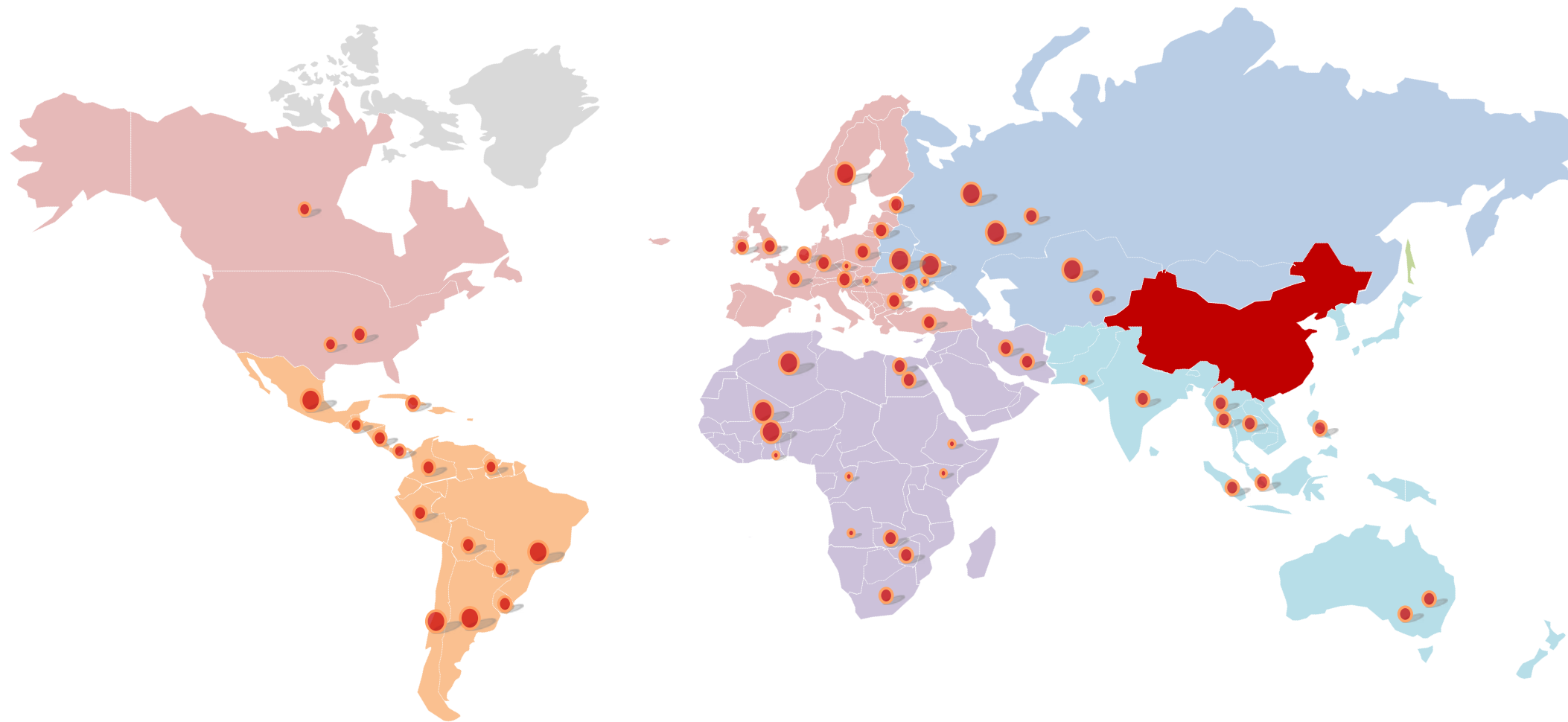
Agricultural equipment prototype testing center



Tractor Assembly Workshop

PRODUCT SUPPORT

Product Support Network



Our Product Support

- When you choose Lovol products, you immediately have our uncompromised commitment to wholehearted supporting during the complete product life. Both local after-service team from authorized dealer, and our well-trained service engineers from Lovol are prepared to reach any corner of the earth whenever there is a rush in need, just to make sure our product performance meeting your expectations.
- To meet the increasing demand for parts replacement from tens of thousands Lovol customers, we are continuously stepping up the effort in improving our parts distribution efficiency, backed by the latest information technology. With the ever expanding customer base globally, more regional spare parts centers have been established and planned, so that you will be available to receive Genuine Lovol Parts much easier in the near future.
- Every year, we provide many on-site product usage and maintenance training to our customers. We also conduct comprehensive training to our dealer teams and guarantee them to enhance their service capability locally.
- Pursuing customer satisfaction is a never ending journey, everything we do here has one ultimate goal that is to make you happier and even more successful as a Lovol customer.
- We want to hear from you, and we pay great attention to your feedback. Please contact us should you have any product enquiries or suggestions, you are guaranteed to receive our response within 24 hours.

Contact Us: +86-536-7517831