

YTO, together with you



Worldwide Services

AGRICULTURAL MACHINERY



YTO YTO INTERNATIONAL, LTD.

Add: 154, JIANSHE ROAD, LUOYANG, HENAN, CHINA Tel: (86)379-62799000 Fax: (86)379-62799099 P.C.: 471004

No. 1 Asia Dept.: 62799021	No. 2 Asia Dept.: 62799032	Eurasia Dept.: 62799028	No. 1 Africa Dept.: 62799051
No. 2 Africa Dept.: 62799052	No. 3 Africa Dept.: 62799098	No. 1 Europe Dept.: 62799031	No. 2 Europe Dept.: 62799061
Russia Dept.: 62799041	South America Dept.: 62799011	North America Dept.: 62799018	Australia Dept.: 62799023

Http: //www.yto.com.cn E-mail: gm@yto.com.cn



YTO, together with you

History	2-3
18-28 Horsepower Tractor	4-7
25-55 Horsepower Tractor	8-15
60-180 Horsepower Tractor	16-29
Crawler Tractor	30-35
Combine Harvester	36-41
Equipments	42-49

The models and its parameters listed are for a part of products only, and the parameters and technical specifications are carefully reviewed. All parameters are subject to change without notice due to the product development. The models provided in this graphic portfolio may be discrepant with the physical products which are preferred. Copyright © YTO INTERNATIONAL, LTD.



YTO Group Corporation is a comprehensive machine building company with factories, subsidiaries and representative offices established both at home and abroad. YTO Group has built tractor assembly factories, sales centers, spare parts centers, solely-funded enterprises or joint ventures in 19 countries and regions in Africa, South America, Europe and ASEAN. Its worldwide marketing network distributed in more than 100 countries and regions can provide perfect technical services for customers.

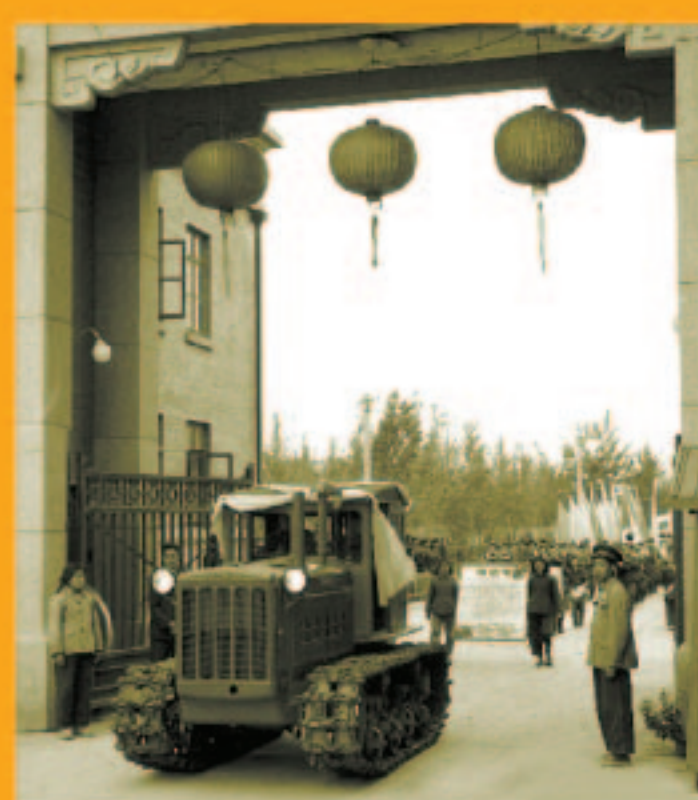
YTO Group has become the superior agricultural machinery manufacturer and enjoyed high prestige based on the manufacturing experience for more than two million tractors and the unique technological standards & strength, it also has taken the top market share of China for a long time. YTO Group welcomes customers from all over the world with enthusiasm and efficient services so as to create the bright future together.

Tractors of YTO Group Corporation have passed e-mark homologation tests.

Construction machinery of YTO Group Corporation has got CE certificates.



Since 1955



History

- ◎ Established in 1955.
- ◎ The first tractor launched on July 20th, 1958.
- ◎ "YTO" inaugurated on November 1st, 1959.
- ◎ YTO's products withstood the harsh environment when the China investigated the South Pole for the first time and set up the Great Wall station in 1984.

- ◎ YTO was evaluated as "China Famous Trademarks" in 1999.
- ◎ The postdoctoral workstation was set up in 2001.
- ◎ YTO was awarded as "China Recommended Export Brand of Electromechanical Products" in April 2006, the unique recommended tractor brand.
- ◎ Awarded by the General Administration of Quality Supervision, Inspection and Quarantine of PRC as "China Famousbrand Products" in September 2006.



■18-28 Horsepower Tractor

YTO-180
YTO-200

YTO-SG184
YTO-SG204
YTO-SG254
YTO-SG284

YTO-SA250

Low Horsepower Tractor

A good helper affordable to the farm machinery users
Economy only after employed
A happy life starts from your expectancy
A manager of your courtyard

SG series wheeled tractors have has 16 Forward gears and 4 Backward gears, which features multiple operation gear-shifts, high climbing capacity, powerful traction force and high lifting capacity; it is the first tractor which passed OECD certification, and especially applicable to the transportation operation (due to powerful traction force, multiple gear-shifts, high mountain road-climbing capacity, etc.)

YTO-180/200 series wheeled tractors are equipped with the twin-cylinder engine, which features reasonable design, compact structure, well-defined functions and advanced technological indicators; and it is also applied to effectively implement various kinds of field operations (land plowing, harrowing, rototilling, seeding, harvesting, field management etc) and fixed operations (water pumpage, sprinkling irrigation, electric power generation, flour grinding, rice milling and more); the tractor can meet the requirements of these mechanized operations in plain, hilly region, pastoral area, vegetable garden, and fruit orchard.

The OECD certification which the product passed can meet your critical requirements on the quality of the product, and the excellent energy saving, the combination which a tractor serves several purposes, and the worldwide distrubition network paves a road to success for you.

YTO-180/200
SERIES WHEELED TRACTOR



YTO-180/200 SERIES WHEELED TRACTOR

Type		YTO-180	YTO-200
Engine			
Model		TY295	TY295
Type		2-cylinder, vertical, water-cooled, 4-stroke	2-cylinder, vertical, water-cooled, 4-stroke
Rated rotation speed	r/min	2200	
Transmission			
Speed range,forward / reverse	km/h	0.79-27.11/1.05-9.79	1.92-29.27/1.84-28.00
Number of speed gears, forward / reverse		8/2	8/2
Tractor			
Wheel base	mm	1440	1500
Front wheel tread / Rear wheel tread	mm	930/1020	930/1020
Min. turning radius	m	2.8 ± 0.2	2.9
Min. operating weight	kg	1060	990
Specific fuel consumption under rated conditions	g/kW.h	≤259.76	≤259.76
Overall dimensions			
L × W × H	mm	2540 × 1205 × 1370	2825 × 1270 × 1333
Min. ground clearance	mm	273	320

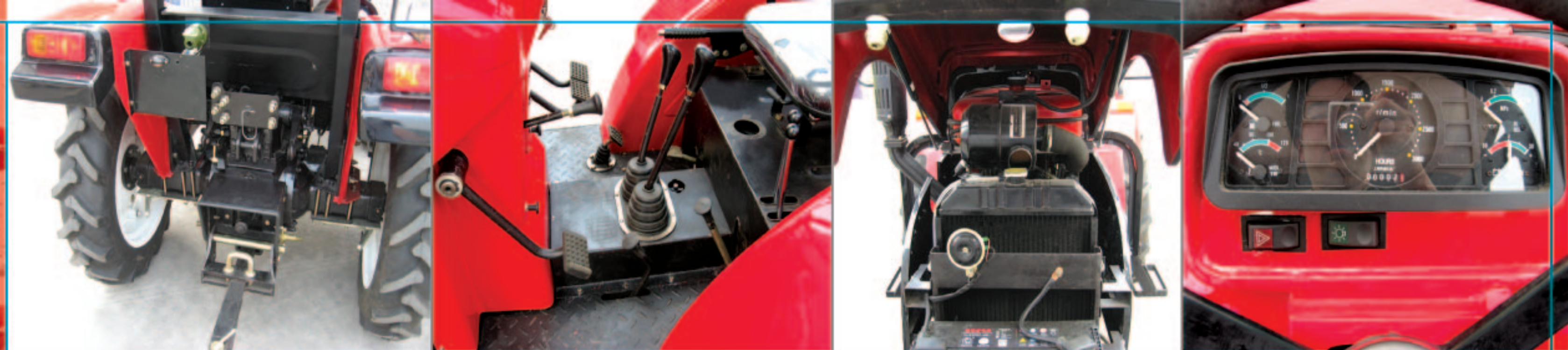
Main features

YTO-180/200 series wheeled tractors adopt 2-cylinder diesel engine, 16 forward and 4 reverse gears is optional; it has perfect function with rational design, compact structure, and advanced index. It benefits from power steering independent brakes, cold start, standard PTO, HYDR. 3-point Linkage Cat.1, full lighting, hand & foot throttle, safety switch and etc.



YTO-SG184/204/254/284
SERIES WHEELED TRACTOR

YTO-SA250
SERIES WHEELED TRACTOR



Main features

YTO-SG series tractor is new type four-wheel drive tractor, adopts the famous-brand three-cylinder diesel engine, whose performance is outstanding and low in specific fuel consumption 、 low in noise and high economic benefit; safety ROPS and sun canopy are optional; Equipped with independent operating 、 double-action clutch, hydraulic steering system ensures flexible and convenient operation feature for the high quality farmland work; optioned with import combined instrument greatly enhance the reliability of the electrical system; transmission box adopts engagement sleeve gear change which is flexible and easy to operate; operation mechanism is erection style, accord with the man-machine engineering principal; creep gearshift or reverse shuttle is optional, is suitable for special working operations;540/720 r/min and 540/1000r/min double-speed PTO shaft, can supply large range of farm equipments; full closed mantle is streamline structure, machine appearance is elegant and pleasing to the eyes.

YTO-SA250 series wheeled tractor

The machine with good agricultural, technical economical and safety comfortable character, its layout is reasonable , over-all properties are outstanding, good adaptability and high efficient usage ,can satisfy the needs of plain, hill, pasture, land, vegetable and orchard garden , used in different field operation (land tilling, harrowing, rotary tilling, sowing, field management and fixed operation (water pumping, spay irrigation, power generation, flour&rice milling etc.) and transportation.

Gearbox with multi-gear operation supplies high efficiency and uses economically. PTO speed is 540、 720/1000r/min optional.6teeth and 8 teeth of the PTO end can be chosen. front axle is strong ,the drive seat and the control levers designed easy and comfortable for the driver to operate.

YTO-SG184/204/254/284 SERIES WHEELED TRACTOR

Model		YTO-SG184	YTO-SG204	YTO-SG254	YTO-SG284
Engine					
Model of engine		YD380A	YD380B	YD385A	YD385B
Type of engine		three-cylinder,vertical, water-cooled,4-stroke,turbine combustion chamber			
Rated power and rated rotational speed	kW /r/min	13.23/2300	14.7/2350	18.375/2350	20.58/2400
Specific fuel consumption	g/kW·h	≤262.5	≤262.5	≤262.5	≤262.5
Engine oil consumption	g/kW·h	≤2.72	≤2.72	≤2.72	≤2.72
Machine body					
Type of tractor		four-wheel drive			
Overall dimensions	mm	3268 × 1410 × 1506	3268 × 1410 × 1506	3443 × 1410 × 1556	3443 × 1410 × 1556
Wheel base	mm	1698	1698	1698	1698
Front wheel tread	mm	1200	1200	1200	1200
Rear wheel tread	mm	1000-1400	1000-1400	1000-1400	1000-1400
Min ground clearance	mm	265	265	315	315
Min turning radius(no hemi-brake)	m	3.25	3.25	3.25	3.25
Min turning radius(hemi-brake)	m	3.1	3.1	3.1	3.1
Operating mass	kg	1280	1300	1340	1360
Min operating weight	kg	1400	1420	1460	1480
Transmission system					
Clutch		dry, double-action clutch			
Number of speed gears, forward/reverse		8+4 engagement sleeve gear shift			
Differential (with differential lock)		closed type, straight teeth bevel gears			
Final transmission		inner located、outer engagement cylinder gear			
Speed range	km/h	0.28-27.49	0.29-28.09	0.30-29.65	0.31-30.28

YTO-SA250 SERIES WHEELED TRACTOR

Model	YTO-SA250	
Engine		
Model	TY2100IT	
Type	two-cylinder,vertical, water-cooled,4-stroke	
Rated power and rated rotation speed	kW/rpm	18.4/2300
Specific fuel consumption under rated conditions	g/kw.h	≤258.4
Specific oil consumption under rated conditions	g/kw.h	≤2.72
Tractor		
Type of tractor	4 × 2	
Overall dimensions (L × W × H)	mm	2935 × 1205 × 1418
Front wheel tread (fixed/alignable)	mm	1080/1100-1550
Rear wheel tread	mm	1020 (up to 1600 with special bushing)
Wheel base	mm	1630
Tyre size(front/rear)	4.00-16/9.5-24	
Truning radius (no hemi-brake/hemi-brake)	m	3.0 ± 0.2/2.8 ± 0.2
Min. ground clearance	mm	325
Operating mass	kg	1050
Min. Operating mass	kg	1170
PTO shaft rotating speed	r/min	540(optioned with:720,1000)
Max. lifting capability(610mm behind the suspension point)	N	> 4500
Transmission system		
Speed range (F/R)	km/h	2.17-28.1/2.60-7.86
Rated traction force	N	5000
Gearbox	4 × (2+1)	
Final transmission	helical cylinder gear	
Differential	closed type, straight teeth bevel gears	

Medium-type Tractor

Manufacture the red classic tractors in oriental

Go ahead with you to pursue the superexcellence

Steel machine with excellence in variants

Always devoted itself to the innovation of travel in field for many years

Powerful dynamics, fully enjoy the richness

YTO medium horsepower tractors with two categories: for dry farmland and for rice paddy. Multi-powers output, suitable for the rotary cultivator, plow, rake, seeder, harvesting machine and other machines and tools. A wet type disc-shaped servo brake, with smooth, reliable braking and high braking efficiency. Engine conforming to EURO III emission standard and certificated e-mark. Adjustable and overturning seats, with the roll-over rack as an option. Large wheel tread and base, heavy deadweight, and better chassis stability. Multiple gear-shifts, equipped with the loader, excavator, trencher and other accessories as option.

EURO III emission standard and e-mark certification are just only our starting point of development; and the combination of multiple accessories and the selection of multiple models and types are our commitment to you. We are not pride of the worldwide service and marketing network, and only satisfaction to your requirements is the ultimate objective created by our Company.



■ 25-55 Horsepower Tractor

YTO-304 YTO-MS250
YTO-354 YTO-MS280
YTO-404 YTO-MS300-1
YTO-454 YTO-MS350
YTO-300 YTO-MS254
YTO-350 YTO-MS284
YTO-400 YTO-MS304
YTO-450 YTO-MS354
YTO-504
YTO-554
YTO-500
YTO-550



Medium-type Tractor

YTO-304/354/404/454
SERIES WHEELED TRACTOR
YTO-300/350/400/450
SERIES WHEELED TRACTOR



Main features

The YTO-304/354/404/454 series and YTO-300/350/400/450 series are equipped with wet disc brake exhibiting desirable braking performance and high reliability; planetary gear final drive; double-action clutch; operable for glebe and paddy fields; engagement sleeve gear change; combined draft-position control; big wheel tread and axle base; big kerb mass, good chassis stability; optioned with safety ROPS.

YTO-304/354/404/454 SERIES WHEELED TRACTOR

Type		YTO-304	YTO-354	e3 YTO-404	e3 YTO-454
Engine					
Model		SL2105AT OR YTR2105	YTR2108 OR SL3100	YTR3105 OR SL3105	495BT
Type		2-cylinder/3-cylinder, vertical, water-cooled, 4-stroke direct injection diesel engine			In-line,water-cooled,4-stroke,direct injection combustion chamber
Rated power	kW	22.1	25.7	29.4	33.1
Rated rotation speed	r/min	2300	2300	2200	2300
Transmission					
Speed range	km/h	2.17-28.5	2.37-31.03	2.37-31.03	2.37-31.06
Tractor					
Wheel base	mm	1777.5	1777.5	1900	2010
Front wheel tread / Rear wheel tread	mm	1250/1200-1600	1250/1200-1600	1250/1200-1600	1270/1300-1600
Min. turning radius	m	4.06 ± 0.2	4.06 ± 0.2	4.16 ± 0.2	4.16 ± 0.3
Min. operating weight	kg	1740	1760	1920	1980
Tyre size (front/rear)		6.50-16/11.2-24	7.50-16/11.2-28	7.5-16/11.2-28	8.30-20/12.4-28
Lifting capability	kN	6	6.6	7.6	8.0(behind lower hitch point 610mm)
PTO shaft		Semi-independent	Semi-independent	Semi-independent	Semi-independent
PTO shaft rotating speed	r/min	540/1000 or 540/720			
Rated tractive force	kN	9.81	10.2	10.8	11.2
Plough depth control mode		Draft-position integrated control and float control			
Overall dimensions					
L × W × H	mm	3392 × 1634 × 1477	3450 × 1674 × 1520	3540 × 1674 × 1520	3882 × 1715 × 1650
Min. ground clearance	mm	270	290	290	300

YTO-300/350/400/450 SERIES WHEELED TRACTOR

Type	YTO-300		YTO-350	 YTO-400	 YTO-450
Engine					
Model	YTR2105 or SL2105ABT		YTR2108T	YTR3105T	495BT
Type	2-cylinder/3-cylinder, vertical, water-cooled, 4-stroke direct injection diesel engine			In-line, water-cooled, 4-stroke, direct injection combustion chamber	
Rated power	kW	22.1	25.7	29.4	33.1
Rated rotation speed	r/min	2300	2300	2200	2300
Transmission					
Speed range	km/h	2.37-31.03	2.37-31.03	2.37-31.03	2.37-31.06
Tractor					
Wheel base	mm	1745	1745	1875	1970
Front wheel tread / Rear wheel tread	mm	1250-1450/1200-1600	1250-1450/1200-1600	1250-1450/1200-1600	1350-1450/1300-1600
Min. turning radius	m	3.4 ± 0.2	3.4 ± 0.2	3.6 ± 0.2	3.8 ± 0.3
Min. operating weight	kg	1620	1620	1730	1830
Tyre size (front/rear)	kN	5.50-16/11.2-28	6.0-16/11.2-28	6.0-16/12.4-28	6.0-16/12.4-28
Lifting capability		6	6.6	7.6	8.0(behind lower hitch point 610mm)
PTO shaft	r/min	Semi-independent	Semi-independent	Semi-independent	Semi-independent
PTO shaft rotating speed	kN	540/1000 or 540/720			
Rated tractive force		7.85	8	9.4	10
Plough depth control mode		Draft-position integrated control and float control			
Overall dimensions					
L × W × H	mm	3374 × 1634 × 1520	3374 × 1634 × 1520	3450 × 1674 × 1549	3882 × 1715 × 1650
Min. ground clearance	mm	410	410	410	400

YTO-504/554
SERIES WHEELED TRACTOR
YTO-500/550
SERIES WHEELED TRACTOR



Main features

The YTO-504/554 and YTO-500/550 are equipped with wet disc brake exhibiting desirable braking performance and high reliability; planetary gear final drive; double-action clutch; operable for glebe and paddy fields; engagement sleeve gear change; combined draft-position control; big wheel tread and axle base; big kerb mass, good chassis stability; optioned with safety ROPS.

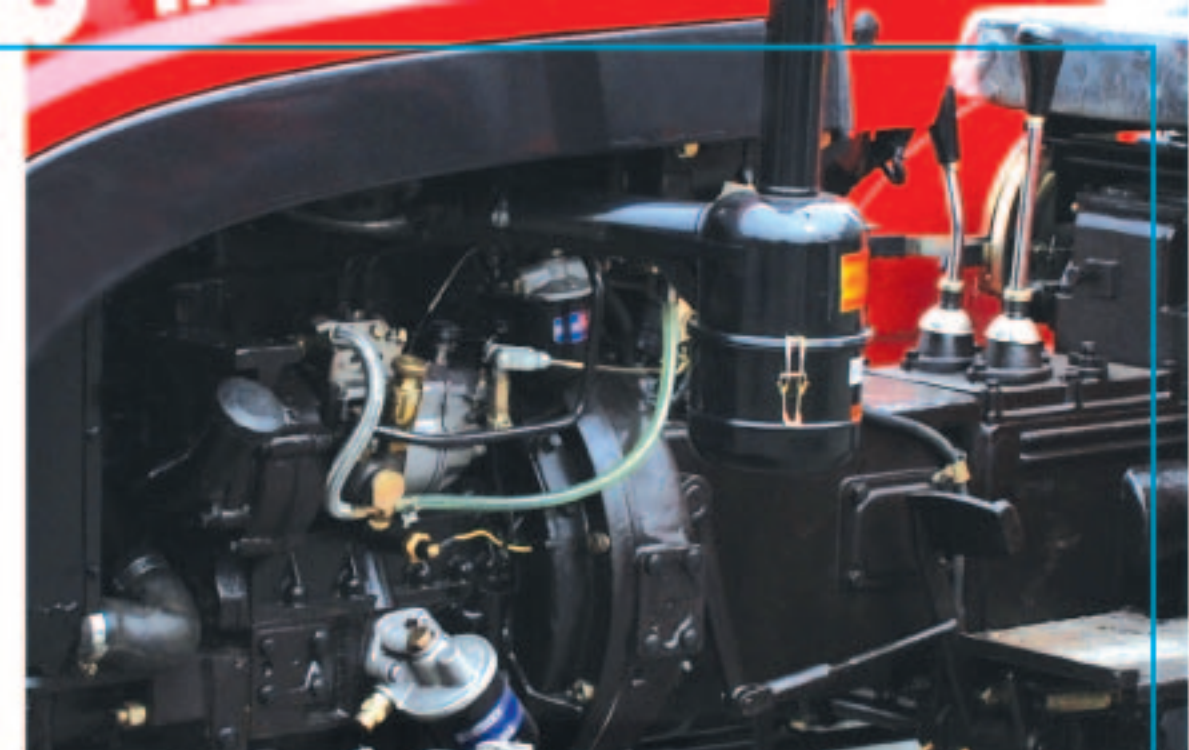
YTO-504/554 SERIES WHEELED TRACTOR

Type	e3 YTO-504		e3 YTO-554	
Engine				
Model	YTR4105T52		YTR4105T55	
Type	4-cylinder, vertical, water-cooled, 4-stroke direct injection diesel engine			
Rated power	kW	37	40.5	
Rated rotation speed	r/min	2200	2200	
Transmission				
Speed range	km/h	2.37-31.06	2.45-32.05	
Tractor				
Wheel base	mm	2000	2127	
Front wheel tread / Rear wheel tread	mm	1270/1300-1600	1270/1300-1600	
Min. turning radius	m	4.16 ± 0.3	4.3 ± 0.2	
Min. operating weight	kg	1980	2245	
Specific fuel consumption under rated conditions	g/kW.h	≤242	≤242	
Tyre size (front/rear)		7.50-16/12.4-28	8.3-20/13.6-28	
Lifting capability	kN	8.8	9	
PTO shaft type		Semi-independent	Semi-independent	
PTO shaft rotating speed	r/min	540/1000	540/1000	
Overall dimensions				
L × W × H	mm	3882 × 1715 × 1650	3882 × 1715 × 1720	
Min. ground clearance	mm	290	290	

YTO-500/550 SERIES WHEELED TRACTOR

Type	e3 YTO-500		e3 YTO-550	
Engine				
Model	YTR4105T52		YTR4105T55	
Type	4-cylinder, vertical, water-cooled, 4-stroke direct injection diesel engine			
Rated power	kW	37	40.5	
Rated rotation speed	r/min	2200	2200	
Transmission				
Speed range	km/h	2.37-31.06	2.45-32.05	
Tractor				
Wheel base	mm	2000	2127	
Front wheel tread / Rear wheel tread	mm	1350-1450/1300-1600	1350-1450/1300-1600	
Min. turning radius	m	3.8 ± 0.3	4.3 ± 0.2	
Min. operating weight	kg	1830	2044	
Specific fuel consumption under rated conditions	g/kW.h	≤242	≤242	
Tyre size (front/rear)		6.00-16/12.4-28	6.5-16/13.6-28	
Lifting capability	kN	8.8	9	
PTO shaft type		Semi-independent	Semi-independent	
PTO shaft rotating speed	r/min	540/1000	540/1000	
Overall dimensions				
L × W × H	mm	3882 × 1715 × 1650	3882 × 1715 × 1720	
Min. ground clearance	mm	390	390	

YTO-MS254/284/304/354
SERIES WHEELED TRACTOR
YTO-MS250/280/300-1/350
SERIES WHEELED TRACTOR



Main features

YTO-MS series tractor takes the lead of domestic medium power tractor, diesel engine features of outstanding performance, low specific fuel consumption, big torque storage and high motivate economical efficiency, streamline structure exterior appearance is modern and elegant. transmission box adopts engagement planetary gear which is flexible, advanced auto shift deviating countercheck mechanism ;dependable outer engagement final transmission system elevate the ground clearance. multi-shift PTO speed , can satisfy all sorts of farmland work and large range of farm equipments.

YTO-MS254/284/304/354 SERIES WHEELED TRACTOR

Model	YTO-MS254	YTO-MS284	YTO-MS304	YTO-MS354
Tractor				
Type	4 × 4	4 × 4	4 × 4	4 × 4
Overall dimensions (L × W × H)	mm 3850 × 1520 × 1445	3850 × 1520 × 1445	3530 × 1560 × 1450	3505 × 1560 × 1490
Wheel base	mm 1700	1700	1786	1813
wheel tread (Front/Rear)	mm 1208/1150 – 1450	1208/1150 – 1450	1210/1150 – 1450	1300/1150 – 1450
Min. ground clearance	mm 330	330	330	330
Min. Operating mass	kg 1470	1470	1590	1620
Operating mass	kg 1340	1340	1460	1490
Tyre size(front/rear)	kN 6.00 – 16 /9.5 – 24	6.00 – 16 /9.5 – 24	6.50 – 16 /11.2 – 24	6.50-16 /11.2-24
Rated traction force	km/h 6.96	7.32	7.68	9.48
Speed range	2.25 – 29.56	2.25 – 29.56	2.37 – 31.11	2.37 – 31.11
PTO shaft type	Non-independent	Non-independent	Non-independent	Non-independent
Plough depth control mode	Draft 、 position control	Draft 、 position control	Draft 、 position control	Draft 、 position control
PTO shaft rotating speed	r/min 540/1000 or 540/720	540/1000 or 540/720	540/1000 or 540/720	540/1000 or 540/720
Engine				
Model of engine	(kW)/(r/min) TY2100IT	JD2102	SL2105BT2	SL3100
Rated power and rated rotation speed	18.4/2300	20.6/2300	22.1/2300	25.7/2300
Max. torque	≥ 87.8	≥ 98.4	≥ 105.5	≥ 122.7

YTO-MS250/280/300-1/350 SERIES WHEELED TRACTOR

Model	YTO-MS250	YTO-MS280	YTO-MS300-1	YTO-MS350
Tractor				
Type	4 × 2	4 × 2	4 × 2	4 × 2
Overall dimensions (L × W × H)	mm 3310 × 1520 × 1440	3310 × 1520 × 1440	3320 × 1540 × 1470	3340 × 1560 × 1520
Wheel base	mm 1668	1668	1753	1780
wheel tread (Front/Rear)	mm 1172 – 1472/1150-1450	1172 – 1472/1150-1450	1170 – 1470/1150-1450	1170 – 1470/1150-1450
Min. ground clearance	mm 430	430	430	430
Min. Operating mass	kg 1280	1280	1380	1430
Operating mass	kg 1150	1150	1250	1300
Tyre size(front/rear)	kN 4.00 – 16 /9.5 – 24	4.00 – 16 /9.5 – 24	5.00-16 /11.2 – 24	5.00-16/11.2-24
Rated traction force	km/h 5.8	6.1	6.4	7.9
Speed range	2.25 – 29.56	2.25 – 29.56	2.37 – 31.11	2.37 – 31.11
PTO shaft type	Non-independent	Non-independent	Non-independent	Non-independent
Plough depth control mode	Draft 、 position control	Draft 、 position control	Draft 、 position control	Draft 、 position control
PTO shaft rotating speed	r/min 540/1000 or 540/720	540/1000 or 540/720	540/1000 or 540/720	540/1000 or 540/720
Engine				
Model of engine	(kW)/(r/min) TY2100IT	JD2102	SL2105BT	SL3100
Rated power and rated rotation speed	18.4/2300	18.4/2300	18.4/2300	25.7/2300
Max. torque	≥ 87.8	≥ 98.4	≥ 105.5	≥ 122.7



■ 60-180 Horsepower Tractor

YTO-X704 YTO-MG600
YTO-X754 YTO-MG650
YTO-X804 YTO-MG700
YTO-X854 YTO-MG604
YTO-X904 YTO-MG654
YTO-MG704

YTO-X700
YTO-X750
YTO-X800
YTO-X850
YTO-X900

LF 80-90(4WD)
YTO-1004
YTO-1204

YTO-X1004
YTO-X1204
YTO-X1104
YTO-X1254
YTO-X1304

YTO-1604
YTO-1804

Large-type Tractor

A Marvel Which Moves China
Create The World Dreaming Quality
Plow A New Realm

The tractor production technology is from Italy. Engine applied is the engine developed together by YTO and UK or the Shanghai Caterpillar engine. Multi-way hydraulic output which is applicable for maneuvering the folded rake, turnover plow, etc. Independently controlled power output shaft, with multiple speeds optional. Full hydraulic steering system, with synchronizer gear-shift. Equipped with large-sized and combined agricultural implements and canopies, twin tires and other accessories. Certificated e-mark.

Beautiful streamlined shape and powerful traction force are not all of YTO tractor advantages, and the essence to get numerous customers' confidences is its excellent performance in various operations such as wasteland exploiting, transportation, cultivation in rice paddy, dry farmland and fruit orchard, etc.. It is not only from Europe, but also certificated by European Union.



Large-type Tractor

YTO-X704/X754/X804
SERIES WHEELED TRACTOR
YTO-X700/X750/X800
SERIES WHEELED TRACTOR



Main features

The YTO-X704/X754/X804 series and YTO-X700/X750/X800 series wheeled tractors are developed based on tractor technology of Italy ; 4-cylinder UK technology; it has stream lined styling; low fuel consumption and good engine performance; multiple gear change possibilities; steering flexibility and convenient operation.

YTO-X704/X754/X804 SERIES WHEELED TRACTOR

Type		YTO-X704	YTO-X754	 YTO-X804
Engine				
Model		LR4105T76A	LR4105T73A	LR4108T4X
Type		Vertical, water-cooled, 4-stroke, direct injection fuel economy diesel engine		
Rated power	kW	51.5	55	58.8
Rated rotation speed	r/min	2400	2400	2300
Transmission				
Number of speed gears, forward / reverse		12/4	12/4	12/4
Speed range, forward / reverse	km/h	1.61-26.58/4.17-12.52	1.61-26.58/4.17-12.52	1.65-27.2/4.3-12.8
Tractor				
Wheel base	mm	2314	2314	2314
Front wheel tread / Rear wheel tread	mm	1630-1960/1500-2100	1630-1960/1500-2100	1630-1960/1500-2100
Min. turning radius	m	3.9	3.9	4.1
Max. operating weight	kg	4170	4170	4370
Specific fuel consumption under rated conditions	g/kW.h	≤242	≤242	≤242
Lifting capability(behind lower hitch point 610mm)	kN	15.45	16	16.5
PTO shaft type		Rear-positioned, independent, and synchronous		
PTO shaft rotating speed	r/min	720, optioned with 540, 1000, 540/1000, 720/540		
Max. traction force	kN	23.2	24.75	26.4
Tyre size (front/rear)		11.2-24/16.9-30	11.2-24/16.9-30	11.2-28/13.6-38
Overall dimensions				
L × W × H	mm	4160 × 1930 × 2720	4160 × 1930 × 2720	4260 × 2170 × 2875
Min. ground clearance	mm	350	350	430

YTO-X700/X750/X800 SERIES WHEELED TRACTOR

Type		YTO-X700	YTO-X750	 YTO-X800
Engine				
Model		LR4105T76A	LR4105T73A	LR4108T4X
Type		Vertical, water-cooled, 4-stroke, direct injection fuel economy diesel engine		
Rated power	kW	51.5	55	58.8
Rated rotation speed	r/min	2400	2400	2300
Transmission				
Number of speed gears, forward / reverse		12/4	12/4	12/4
Speed range, forward / reverse	km/h	2.02-33.31/5.23-15.69	2.02-33.31/5.23-15.69	1.94-31.92/5.01-15.03
Tractor				
Wheel base	mm	2342	2342	2342
Front wheel tread / Rear wheel tread	mm	1400-1900/1500-2100	1400-1900/1500-2100	1400-1900/1500-2100
Min. turning radius	m	3.9	3.9	3.9
Max. operating weight	kg	3425	3425	3425
Specific fuel consumption under rated conditions	g/kW.h	≤242	≤242	≤242
Lifting capability(behind lower hitch point 610mm)	kN	15.45	16	16.5
PTO shaft type		Rear, independent & synchronous		
PTO shaft rotating speed	r/min	720, optioned with: 540, 1000, 540/1000, 540/720		
Max. traction force	kN	19.58	21	22.4
Tyre size (front/rear)		7.50-16/14.9-30	7.5-16/14.9-30	7.5-16/14.9-30
Overall dimensions				
L × W × H	mm	4160 × 1878 × 2820	4160 × 1878 × 2820	4160 × 1878 × 2820
Min. ground clearance	mm	430	430	430

YTO-X854/X904
SERIES WHEELED TRACTOR
YTO-X850/X900
SERIES WHEELED TRACTOR



Main features

The YTO-X854/X904 series and YTO-X850/X900 series wheeled tractors are developed based on Italian tractor technology & UK 4-cylinder turbo-charged engine technology; it has stream lined style; low fuel consumption and good engine performance; multiple gear change possibilities; steering flexibility and convenient operation.

YTO-X854/X904 SERIES WHEELED TRACTOR

Type	YTO-X854		e3 YTO-X904
Engine			
Model	LRC4108T52		LR4105ZT55
Type			
Rated power	kW	62.5	66.5
Rated rotation speed	r/min	2400	2300
Transmission			
Number of speed gears, forward / reverse	12/4		12/4
Speed range, forward / reverse	km/h	1.71-28.15/4.42-13.26	1.65-27.2/4.3-12.8
Tractor			
Wheel base	mm	2314	2314
Wheel tread front/rear	mm	1630-1960/1500-2100	1562-2000/1520-2120
Min. turning radius	m	4.3	4.5
Max. operating weight	kg	4370	4560
Specific fuel consumption under rated conditions	g/kW.h	≤242	≤230
Tyre size (front/rear)	11.2-28/13.6-38		13.6-24/16.9-34
Lifting capability	kN	16.5	17
PTO shaft type			
PTO shaft rotation speed	r/min	720, optioned with 540, 1000, 540/1000	720
Max. traction force	kN		
Overall dimensions			
L × W × H	mm	4260 × 2170 × 2875	4260 × 2170 × 2875
Min. ground clearance	mm	430	440

YTO-X850/X900 SERIES WHEELED TRACTOR

Type	YTO-X850		e3 YTO-X900
Engine			
Model	LRC4108T52		LR4105ZT55
Type	Vertical, water-cooled, 4-stroke, direct injection fuel economy diesel engine		
Rated power	kW	62.5	66.5
Rated rotation speed	r/min	2400	2300
Transmission			
Number of speed gears, forward / reverse	12/4		12/4
Speed range, forward / reverse	km/h	2.02-33.1/5.23-15.69	1.92-31.72/5.0-15.01
Tractor			
Wheel base	mm	2342	2342
Front wheel tread / Rear wheel tread	mm	1400-1900/1500-2100	1400-1900/1600-2100
Min. turning radius	m	3.9	4.3
Max. operating weight	kg	3425	3660
Specific fuel consumption under rated conditions	g/kW.h	≤242	≤230
Lifting capability	kN	16.5	≥17
PTO shaft type	Rear, independent & synchronous		
PTO shaft rotating speed	r/min	720, optioned with: 540, 1000, 540/1000	
Max. traction force	kN	23.3	23.25
Tyre size (front/rear)	7.5-16/14.9-30		7.5-16/14.9-30
Overall dimensions			
L × W × H	mm	4160 × 1878 × 2820	4200 × 1878 × 2820
Min. ground clearance	mm	430	430

YTO-LF 80-90(4WD)
SERIES WHEELED TRACTOR

YTO-1004/1204
SERIES WHEELED TRACTOR



Main features

The YTO-LF 80-90 (4WD) series wheeled tractors are developed based on Italian tractor technology & UK 4-cylinder engine technology.

The YTO-1004/YTO-1204 series wheeled tractors are developed based on Italian tractor technology & UK 6-cylinder. engine technology; exhibiting low fuel consumption and good engine performance; multiple gear change possibilities; steering flexibility and convenient operation.

YTO-LF 80-90(4WD) SERIES WHEELED TRACTOR

Type	YTO-LF 80-90(4WD)	
Engine		
Model	LR4108	
Rated power	kW	58.8
Rated rotation speed	r/min	2300
Transmission		
Number of gears, forward / reverse	12/4	
Speed range, forward / reverse	km/h	1.63-27.3/4.3-12.8
Tractor		
Specific fuel consumption under rated conditions	g/kw.h	≤245
Max. operating weight	kg	4370
PTO shaft type	Rear, independent & synchronous	
PTO shaft rotating speed	r/min	540/1000
Wheelbase front/rear	mm	1630-1960/1500-2100
Wheel base	mm	2314
Min. turning radius	m	4.1
Tyre size (front/rear)	11.2-28/13.6-38	
Overall dimensions		
L × W × H	mm	4160 × 2170 × 2875
Min. ground clearance	mm	430

YTO-1004/1204 SERIES WHEELED TRACTOR

Type	YTO-1004		YTO-1204
Engine			
Model	LR6105T10		LR6108T1
Type	6-Cylinder, vertical, water-cooled, 4-stroke, direct injection fuel economy diesel engine		
Rated power	kW	73.5	88.2
Rated rotation speed	r/min	2400	2400
Transmission			
Number of gears, forward / reverse	12/4		12/4
Speed range, forward / reverse	km/h	2.24-29.30/4.83-13.67	2.34-30.55/5.04-14.27
Tractor			
Specific fuel consumption under rated conditions	g/kw.h	≤245	≤245
Max. operating weight	kg	5280	5420
PTO shaft type	Rear, independent & synchronous		Rear, independent & synchronous
PTO shaft rotating speed	r/min	540/1000	540/1000
Front wheel tread / Rear wheel tread	mm	1760-2000/1600-2200	1760-2000/1662-2262
Wheel base	mm	2648.5	2688.5
Min. turning radius	m	4.5	4.6
Tyre size (front/rear)	14.9-24/16.9-38		14.9-26/18.4-38
Overall dimensions			
L × W × H	mm	4690 × 2290 × 2925	4770 × 2330 × 2960
Min. ground clearance	mm	470	470

YTO-X1004/X1204
SERIES WHEELED TRACTOR
YTO-X1104/X1254/X1304
SERIES WHEELED TRACTOR



Main features

The YTO-X1004/X1204/X1104/X1254/X1304 series wheeled tractors are developed based on Italian tractor technology & UK 6-cylinder engine technology; it has stream lined style; low fuel consumption and good engine performance; multiple gear change possibilities; steering flexibility and convenient operation.

YTO-X1004/X1204 SERIES WHEELED TRACTOR

Type	YTO-X1004		YTO-X1204
Engine			
Model	LR6105T10X		LR6108T1X
Type	Vertical, water-cooled, 4-stroke, direct injection diesel engine		
Rated power	kW	73.5	88.2
Rated rotation speed	r/min	2400	2400
Transmission			
Number of speed gears, forward / reverse	12/4		12/4
Speed range, forward / reverse	km/h	2.24-29.30/4.83-13.67	2.34-30.55/5.04-14.27
Tractor			
Wheel base	mm	2648.5	2688.5
Wheel tread front/rear	mm	1760-2000/1660-2200	1760-2000/1662-2262
Min. turning radius	m	4.5	4.6
Max. operating weight	kg	5280	5420
Specific fuel consumption under rated conditions	g/kW.h	≤242	≤242
Tyre size (front/rear)	14.9-24/16.9-38		14.9-26/18.4-38
Lifting capability	kN	22	26
PTO shaft type	Rear, independent & synchronous		
PTO shaft rotation speed	r/min	540/1000	540/1000
Max. traction force	kN	36	40.5
Overall dimensions			
L × W × H	mm	4950 × 2290 × 2925	5000 × 2330 × 2960
Min. ground clearance	mm	450	465

YTO-X1104/X1254/X1304 SERIES WHEELED TRACTOR

Type	X1104		X1254	X1304
Engine				
Model	LR6108T51		LR6108T52	LRC6110T52
Type	Vertical, water-cooled, 4-stroke direct injection diesel			Vertical, water-cooled, 4-stroke direct injection diesel 6 cylinders, diesel
Rated power	kW	81	92	95.6
Rated rotation speed	r/min	2400	2400	2400
Transmission system				
Number of speed gears, forward / reverse	12+4		12+4	12+4
Speed range, forward / reverse	km/h	2.24-29.30/4.83-13.67	2.34-30.55/5.04-14.27	2.34-30.55/5.04-14.27
Machine body				
Wheel base	mm	2688.5	2688.5	2688.5
Front wheel tread / Rear wheel tread	mm	1822-2153/1600-2200	1822-2153/1662-2262	1822-2153/1662-2262
Min. turning radius	m	4.5	4.6	4.6
Min. operating weight	kg	4730	4810	4910
Specific fuel consumption under rated conditions	g/kW.h	≤238	≤238	≤238
Wheel tyres (front / rear)	14.9-24/16.9-38		14.9-26/18.4-38	14.9-26/18.4-38
Lifting capability	kN	≥24	≥28	≥28
PTO shaft type	Rear-positioned, independent, and synchronous			
PTO shaft rotation speed	r/min	540/1000	540/1000	540/720
Min. ground clearance	mm	450	465	465
Overall dimensions				
L × W × H	mm	5000 × 2330 × 2925	5000 × 2330 × 2960	5000 × 2330 × 2960

YTO-1604/1804
SERIES WHEELED TRACTOR



Main features

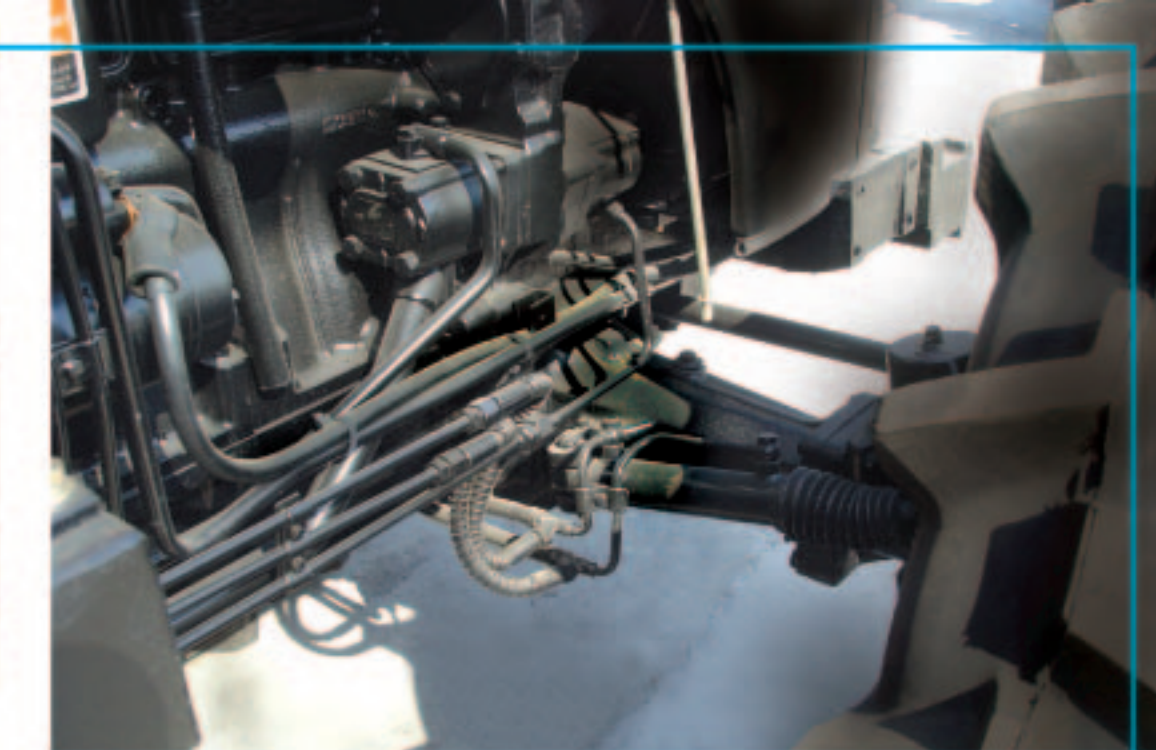
The YTO-1604/1804 series wheeled tractors are developed based on Italian tractor technology & 6-cylinder engine; it has low fuel consumption and good engine performance; multiple gear change possibilities; big volume fuel tank for long operation by single fueling; steering flexibility and convenient operation.

YTO-1604/1804 SERIES WHEELED TRACTOR

Type		YTO-1604	YTO-1804
Engine			
Model		6MB-ZLT3/D6114ZG21B	6MB-ZLT4/D6114ZG22B
Type		Vertical, inter-cooled, turbo-charged, direct injection diesel	
Rated power	kW	117.6	132.3
Rated rotation speed	r/min	2200	2200
Transmission			
Gears forward/Gears reverse		12/4	12/4
Speed range, forward	km/h	2.25-29.06	2.35-30.39
Speed range, reverse	km/h	4.25-11.47	4.44-11.99
Tractor			
Wheel base	mm	2848	2848
Front wheel tread	mm	1680-2176	1679-2175
Rear wheel tread	mm	1620-2200	1620-2200
Min. ground clearance	mm	459	495
Min. turning radius	m	5.0	5.0
Min. operating weight	kg	6740	6880
Specific fuel consumption under rated conditions	g/kW.h	≤235	≤235
Tires (front/rear)		14.9-28/18.4-38	16.9-28/20.8-38
Min. lifting capability (610mm behind the suspension point)	kN		≥36
PTO rotating speed	r/min	540/1000	540/1000
Tilling depth control		Draft control, position control, draft-position integrated control, float control	
Rated traction force	kN	52.5	58.5
Overall dimensions			
L × W × H	mm	5285 × 2696 × 2945	5285 × 2696 × 2960



YTO-MG604/654/704
SERIES WHEELED TRACTOR
YTO-MG600/650/700
SERIES WHEELED TRACTOR



Main features

YTO -MG series wheeled tractor used for various climate and soil condition. Gearbox with multi-gear operation and engagement shift supply the high efficiency, fitted with flexible and maneuverable hydraulic steering , high efficient outboard lifting cylinders , independent PTO equipped with enforced engagement mechanism which is hard to emerge ,clearance is adjustable, its water-proof front and rear axle subsidiary transfer-case and floor board, front shield board used as water and wind retaining ,especially suitable for paddy field and transportation. Large volume fuel tank, stream lined styling with high quality stoving varnish cover , crystal front illumination lamp, pleasing appearance. Enclosed streamline cab single-double action hydraulic output double-action clutch is optional.

YTO-MG604/654/704 SERIES WHEELED TRACTOR

Model	YTO - MG604		YTO - MG654	YTO - MG704
Engine	YTR4105		YTR4108	YTR4108
Rated rotation speed	r/min	2200	2200	2200
Rated power	kW	45	48	51.5
Theory speed	10/2		10/2	10/2
Number of speed gear(forward/reverse)	10/2		10/2	10/2
Range of speed(forward/reverse)	km/h	2.29 - 30.98/3.05 - 12.20	2.37 - 32.12/3.12 - 12.65	2.37 - 32.12/3.12 - 12.65
Tractor	2156		2156	2156
Wheel base	mm	2156	2156	2156
Front wheel tread	mm	1400~1700 (ex-work 1400)	1400~1700 (ex-work 1400)	1400~1700 (ex-work 1400)
Rear wheel tread	mm	1274~1770 (ex-work 1470)	1274~1770 (ex-work 1470)	1274~1770 (ex-work 1470)
Front wheel tyre size		8.3-24 (Paddy wheel 9.5-24)	9.5-24 (Paddy wheel 9.5-24)	9.5-24 (Paddy wheel 9.5-24)
Rear wheel tyre size		14.9-28 (Paddy wheel 11-32)	14.9-30 (Paddy wheel 11-32)	14.9-30 (Paddy wheel 11-32)
Overall dimensions (L × W × H)	mm	3997 × 1784 × 1727	3997 × 1784 × 1752	3997 × 1784 × 1752
Brake type		mechanical	mechanical	mechanical
Min. ground clearance	mm	420	445	445
Min. Operating mass	kg	2800	2800	2800
Turning radius	m	4.5	4.5	4.5
Max. traction force	kN	≥ 22.65	≥ 22.65	≥ 22.65
Min. lifting capability(610mm behind the suspension point)	kN	≥ 15	≥ 15	≥ 15
PTO shaft rotating speed	r/min	720 (540、1000 optional) 8 teeth		
Plough depth control mode		Tilling depth control heath control (strong pressure insert earth)draft、position、intergraded control optional		
Suspension type		II	II	II

YTO-MG600/650/700 SERIES WHEELED TRACTOR

Model	YTO- MG600		YTO - MG650	YTO - MG700
Engine	YTR4105		YTR4108	YTR4108
Rated rotation speed	r/min	2200	2200	2200
Rated power	kW	45	48	51.5
Theory speed	10/2		10/2	10/2
Number of speed gear(forward/reverse)	10/2		10/2	10/2
Range of speed(forward/reverse)	km/h	2.29 - 30.98/3.05 - 12.20	2.37 - 32.12/3.12 - 12.65	2.37 - 32.12/3.12 - 12.65
Tractor	2156		2156	2156
Wheel base	mm	2156	2156	2156
Front wheel tread	mm	1400~1700 (ex-work 1400)	1400~1700 (ex-work 1400)	1400~1700 (ex-work 1400)
Rear wheel tread	mm	1274~1770 (ex-work 1470)	1274~ 1770 (ex-work 1470)	1274~ 1770 (ex-work 1470)
Front wheel tyre size		6.50-16	7.50-16	7.50-16
Rear wheel tyre size		14.9-28 (Paddy wheel 11-32)	14.9-30 (Paddy wheel 11-32)	14.9-30 (Paddy wheel 11-32)
Overall dimensions (L × W × H)	mm	3997 × 1784 × 1727	3997 × 1784 × 1752	3997 × 1784 × 1752
Brake type		mechanical	mechanical	mechanical
Min. ground clearance	mm	430	455	455
Min. Operating mass	kg	2500	2500	2500
Turning radius	m	4.1	4.1	4.1
Max. traction force	kN	16.8	16.8	16.8
Min. lifting capability(610mm behind the suspension point)	kN	≥ 15	≥ 15	≥ 15
PTO shaft rotating speed	r/min	720 (540、1000 optional) 8 teeth		
Plough depth control mode		Tilling depth control heath control (strong pressure insert earth)draft、position、intergraded control optional		
Suspension type		II	II	II

Caterpillar-Tractor

The trailbreaker of the agricultural machinery
Always restrict and encourage itself using
the all-round, highest standards and
specifications

A preserver of YTO brand

The traction of the idea, and attraction of
your vision

With the wide product applicability, and a
complete range of products, the small tractor is
applicable to the farmland and fruit orchard
operations, and the large-type one is in particular
applicable to the large-area farmland and
earthwork operations, with high bulldozing
efficiency.

High universalization degree of the complete
machine, high performance/price ratio, which
satisfies the requirements of various kinds of
customers.

Good engine startup capability, low noise,
and energy saving. The electrically-operated
startup is available.

Master clutch: dry type, double discs, pressed
by spring, and single/double function; multi-disc,
dry steering clutch, with the friction disc made of
new material and long service lifetime; float type
strap brake, with reliable braking; the shift sleeve
(engagement sleeve) for shifting the gears,
featuring multiple gears, easy-to-operate, reliable,
which is used to implement the spindle-shaped
operations and applicable to various operations,
the rear axle for new sealing structure which
decreases the oil intrusion while steering; and the
end drive device is with the simple beam structure,
with reliable performance.

With various ergonomic control designs, the
height adjustable elastic seat follows the man-
machine maneuvering habit and reduces the
driver's labor intensity. The shape of cabin is novel
and dynamic, and the air conditioner is optional if
required.

Front/Rear hydraulic output, with the power
output shaft of 540 rpm and 700 rpm and strong
hydraulic suspension lifting force, which can meet
the related requirements of various agricultural
implements.

Rubber and wide caterpillers optional, with
wide applicability.

54 years ago, new era of China agricultural
plowing machinery and YTO development started
from here, the first caterpillar tractor exported from
YTO company indicates that the world has
anticipated the China agricultural machinery
products, and the change of era has continuously
verified a firm quality. With the scientific
investigation in Great Wall station in South Pole,
the tractor is applied even in 3000 m high plateau
and 40°C high temperature tropic region. With the
sales volume of 1 million units, the caterpillar
tractor has established a nonreplaceable status in
China agriculture history.



■ Crawler Tractor

YTO-C502

YTO-C902

YTO-C1302

YTO-1002

YTO-802X5

YTO-CA702



Caterpillar-Tractor

YTO-C502/C902/C1302
SERIES CRAWLER TRACTOR



YTO-C502/C902/C1302 SERIES CRAWLER TRACTOR

Type		YTO-C502	YTO-C902	YTO-C1302
Engine model		YTR3105T61	LR6105T22	LR6105ZT14
Engine rated power/rotational speed	kW/r/min	36.8/2200	66.18/2200	95.6/2200
Overall dimensions (L × W × H) (w scraper)	mm	3760 × 2010 × 1680	4870 × 2462 × 2766	5367 × 2462 × 2786
Operating weight(w scraper)	kg	3500	6890	7550
Track width	mm	1100	1435	1435
Wheel base	mm	1600	2622	2774
Track shoe width	mm	310	390	390
Specific ground contact pressure (w scraper)	kPa	34.58	44.6	48.35
Speed & traction force				
Number of speed gears(forward/reverse)		8/4	4/2	6/2
Traction force, gear 1	kN	1.81-12.78	3.15/46.41	3.71/52.9
Traction force, gear 2	kN		6.29/32.75	6.859/37.5
Traction force, gear 3	kN		7.30/25.25	7.798/32.2
Traction force, gear 4	kN		9.63/17.95	8.996/27
Traction force, gear 5	kN		-	10.591/22
Traction force, gear 6	kN		-	13.917/14.3
Reverse speed gear 1	km/h	2.01	3.39	3.314
Reverse speed gear 2	km/h	6.05	6.85	6.289
Scraper				
Type			Fixed straight scraper	Fixed straight scraper
H × W	mm	680 × 2016	850 × 2462	850 × 2462
Depth into soil	mm	260	> 290	> 290
Max lifting height	mm		> 625	> 625

Main features

YTO-C502 is one of the products in 40-60 (C402 / C502 / 602) product line, which is comprised engagement sleeve shift and multi-speed gear-box, semi-steel suspension system, and clutch made of new materials. The machine is used for bulldozing work in field, orchard, or for small-scale earthwork, a wide range of use.

YTO- C902 is one of the products in C702-A/C802/C902 product line, with 70 to 90 horsepower. The mono-lever control engagement sleeve shift gear-box ensures shuttle operation. The rear axle employs a new-type sealing structure that is a well solution of oil inlet while changing direction. Mechanical control or hydraulic control is optional. The outer panel is novel and has dynamic sense, the cab is fully enclosed and air conditioner may is optional according to customer's needs. Humanity design for driver to reduce labor intensity and to enhance the efficiency of bulldozing.

YTO-C1302 is one of the products in the C1002 / C1202 / C1302 product line, with 100--130 hp, which prime characteristics are as follows: 14-inch truck facing main clutch, long life-span of steering clutch, advanced digital instruments, optional air-conditioner for cab, 3-tons hydraulic hosting power by means of adjusting center of gravity of the machine, and optional support farming tools. The machine is mainly used for bulldozing in the fields and for general earthworks.



YTO-1002/802X5
SERIES CRAWLER TRACTOR
YTO-CA702
SERIES CRAWLER TRACTOR



Main features

YTO-1002 is a middle sized, high-powered agricultural tractor which prime characteristics are as follows: reliable structure with excellent rigidity at the end and center, well sealed transmission gear with reasonable stress, two-way floating brake to ensure excellent performance of brake when upgrading and downgrading, multifunctional dispatcher used in the hydraulic system, pre-and post hydraulic output with output shaft that may match with various farm tools, ergonomic designed operating levers and instruments, hermetically sealed cab with top-mounted warm air blower, and optional air conditioner, advance technical and economic indicators. The machine is particularly applicable to large areas of agricultural land and earthwork.

YTO-CA702 is one of the products in CA702 / CA802 / CA902 product line, widely used for earthwork treatment on farmland. The machine comprises electric starting diesel engine, disc spring compaction, combined-form main clutch, simply supported beam final drive and dry multiple disk steering clutch. Mainly used in farm field and earthwork.

YTO-802X5 is new type product employs with high efficiency direct injection engine, reliable structure with excellent rigidity at frame and basic parts, disc spring compaction main clutch , fully enclosed cab with warmer and ventilation system . Ripper is optional to realize scarification earthwork and a wide range of use.

YTO-1002/802X5 CRAWLER TRACTOR

Type	YTO-1002	YTO-802X5
Key parameters		
Type	General farm crawler tractor	
Overall dimensions (L × W × H)	mm	4443 × 1850 × 2556(without scraper)
Track gage	mm	1435
Ground clearance	mm	280
Operating weight	kg	6800
Wheel base	mm	1622
Speed range		
Forward	km/h	3.78-10.55
Reverse	km/h	3.71-5.46
Engine		
Model	LR6105T8	
Type	6-cylinder,vertical,water-cooled,4-stroke,direct injection	
Bore × stroke	mm	105 × 125
12h power	kW	73.5
Rated rotational speed	r/min	2300
Specific fuel consumption	g/kW·h	≤242
Starting model	Electrical (24V)	

YTO-CA702 CRAWLER TRACTOR

Type	YTO-CA702
Key parameters	
Overall dimensions (L × W × H)	mm
Operating weight	kg
Track width	mm
Wheel base	mm
Track width	mm
Specific ground contact pressure	kPa
Engine	
Model	LR4108T91
Type	Vertical,water-cooled,4-stroke,direct injection
Bore × stroke	mm
Rated power	kW
Rated rotational speed	r/min
Specific fuel consumption	g/kw·h
Scraper	
Type	Fixed straight scraper
H × W	mm
Depth into soil	mm
Max lifting height	mm

The Harvesting Machinery

A harvester of your hardworking cultivation
Take you towards the wealth terminal
The key step, certainly done by us
When the field crops are waiting for your
harvesting, it is just the time you thirst for us

With the all-round product series and varieties, we have anufactured all kinds of combined harvesters and implemented the harvesting of field crops including rice, wheat, corn, soybean, potato, tuber corps and other economic crops.

The dynamic balance design of complete machine is available, with reasonable load and long service lifetime.

With a wide applicability, the working equipment adopts the secondary tailings treatment, double-layer combination vibration screening, combined threshing cylinder, twin roller, adjustable blower and other installations to ensure the property of the complete machine which features complete crops separation and low loss rate.

High design strength of chassis, and good wear resistant property. Its trafficability and travel stability are better than the ordinary tractor range.

Larger grain and fuel tanks available, suitable for the highyield field and continuous large-area operations.

Various sound and light alarms available, with safety and reliable operation.

Comfortable driving, flexible maneuvering, lightweight, which can implement the hydraulic power assisted steering and the harvesting platform lifting lever control.

As the leader of agricultural harvesting machinery trend, YTO has kept after the innovation.The Company employs the modern science and technology to implement the perfect combination of various techniques such as the electrohydraulic control and harvesting, threshing and riddling.It is your best enjoyable and economical selection in the harvest time.Any solution provided by our company enables you to get the plentiful and substantial achievements.



■ Combine Harvester

YTO-4LS-1

YTO-4LZ-2

YTO-4LZ-2.5

YTO-4LZ-180

YTO-4LZ-200

YTO-4LZ-220

YTO-D260

YTO-YZ4605W



The Harvesting Machinery

YTO-4LS-1/4LZ-2/4LZ-2.5
GRAIN COMBINE HARVESTER
YTO-4LZ-180/200/220
RICE COMBINE HARVESTER



Main features

YTO-4LZ-2 knapsack grain combine harvester, its cleaning device is comprised of fan and vibrating screen, upper and lower screen fins with adjustable opening degree, big cleaning area and high cleanness; big food storage bin, easily opened discharge port; the clean & precise cutting in the cutting head and clean harvesting.

YTO-4LZ-2.5 is fitted with UK technology engine, low fuel consumption, the ahead-of-engine cab can provide wide scope of vision; the vehicle cab design provides good riding comfort; the extra large radiator is favorable for long-time harvesting; the new type cleaning mechanism provides high rate of seed harvesting; the combined dashboard and the multi-function warning device are easy for operation; the enlarged discharge port increase the operation efficiency in short time. It can be used for maize harvesting with the replacement of special structure for maize harvesting.

YTO-4LZ-180/YTO-4LZ-200/YTO-4LZ-220 wide track running system, small ground contact pressure, good passing performance; double fans will be used in the cleaning positions; double screen filtering and cleaning, and the grain is clean; re-shelling, re-cleaning, high cleanness; big storage of grain, high working efficiency; diesel engine of UK technology with low fuel consumption; optioned full-closed cab.

YTO-4LS-1/4LZ-2/4LZ-2.5 GRAIN COMBINE HARVESTER

Type		YTO-4LS-1	YTO-4LZ-2	YTO-4LZ-2.5
Feed rate	kg/s	1	2	2.5
Width	mm	1300-1750	1900/2200/2500	2360
Total loss rate		wheat ≤1.5%; Rice ≤ 3.5%	wheat ≤1.5%; Rice ≤ 3.5%	wheat ≤1.5%; Rice ≤ 3.0%
Fragment		≤2.0%	≤2.0%	≤2.0%
Impurity rate		≤2.0%	≤2.0%	≤2.0%
Total mass	kg	1080	1800	4300
Overall dimensions (L × W × H)	mm	5380 × 1860 × 2340	6544 × 2625 × 3070	6123 × 2927 × 3200
Tractor engine power	hp	17-20	50-80	78.8

YTO-4LZ-180/200/220 RICE COMBINE HARVESTER

Type		YTO-4LZ-180	YTO-4LZ-200	YTO-4LZ-220
Width		1800	2000	2200
Feed rate	mm	1.8	2.0	2.0
Total loss rate	kg/s	Wheat 1.5%; Rice 3.5%	Wheat 1.5%; Rice 3.5%	Wheat 1.5%; Rice 3.5%
Crushing rate		Wheat 2.0%; Rice 2.0%	Wheat 2.0%; Rice 2.0%	Wheat 2.0%; Rice 2.0%
Kerb mass		2400	2630	2660
Fuel tank capacity	kg	55	55	55
Grain unloading mode		Mechanical or manual unloading	Mechanical or manual unloading	Mechanical or manual unloading
Grain store capacity		0.6	0.6	0.9
Track specifications (pitch × number of shoes × width)	m ³	90 × 48 × 400	90 × 48 × 350	90 × 48 × 400
Average specific ground pressure	mm	23-24	22.9	23.8
Overall dimensions (L × W × H)	mm	5350 × 2270 × 2720	4945 × 2480 × 2560	4945 × 2680 × 2560
Diesel engine model	kW	4L68/QC495L	4L68/QC495L	CZ4102Q
Engine power	mm	40	40	46



YTO-D260
COMBINE HARVESTER



YTO-YZ4605W
CORN HARVESTER



YTO-D260 COMBINE HARVESTER

Type		YTO-D260
Cutting width	m	2.4, 2.6, 2.8
Feeding rate	kg/s	3
Overall dimensions(L × W × H)	mm	≤820 × 3190 × 2930
Total weight	kg	4000
Diesel engine model/Rated power	kW	55-58

Main features

The prime characteristics of the machine are as follows: engine with big power reservation, large-sized cutting width is applicable for operation in big farm field, 2.4m/2.6m/2.8m cutting table is optional, 0.6m super width conveyor, feeding smoothly without jam, big grain bin can auto discharge grains, double-drum threshing chamber and double vibrating sieves enlarge threshing and clean area, adopt 0.5m x 0.09m x 0.06m rubber track and high clearance can supply good stability, less earth pressure ratio and good trafficability, super large diesel tank is up to 185 L. Hydraulic steering makes machine flexible and easy operation.



YTO-YZ4605W CORN HARVESTER

Type		YTO-YZ4605W
Row Number	mm	4/650
Productivity	mu/hour	9-14
Overall dimensions(L×W×H)	mm	8650 × 2890 × 3700
Total weight	kg	7860
Diesel engine rated power	kW/Hp	107/146

Main features

Stalk pulling roller type ear picking device, high efficiency, less damage and loss to the grain, suit for large range of row spacing, picking board is advanced for less stem break and clean ear, infrared supervising system and reverse radar extend driver view, five pairs of peeling mechanism ensure different maturation stage ear peeling demands, the grains clean ratio reach 85 percent, vibrating sieve collecting device can be changed with model of grains collection, easy for repaired, eight-row(300mm row spacing) cutting table (selected) is suitable for irregularity plant model. Open protection cover for cutting platform be adjusted and checked easily, cutting platform adopt double power input model with high reliability, widen smashed stem collector can realized stem return and collection function through a single lever, new type cleaning and sweeping fan with huge air volume make field work safely. Auto transportation device for new grain tank is safe and convenient.





■ Equipments

SOWER,STRAW AND STEM SHREDDER

PLOW & HAY RAKE

HARROW & ROTARY TILLER

YTO-404 TRACTOR WITH LOADER

YTO-X704 TRACTOR WITH LOADER

YTO-X904 TRACTOR WITH LOADER

YTO-7CX-3 TRAILER

YTO-7CX-5 TRAILER

YTO-7CX-6 TRAILER

YTO-7CB-1.5 TRAILER

YTO-7CB-2.0 TRAILER

Agricultural Implements

Equip with agricultural implements following your inclinations

Steel framework, small and durable

Plow up a plentiful and substantial perspective

YTO's plow, rake, rotary cultivator and other agricultural implements feature a complete range of products; reasonable structure, and high rigidity, low vibration while operating, relatively low noise, and high-quality materials, which are suitable for the harsh working conditions; and beautiful and elegant shape. They can effectively improve the transmission efficiency of universal drive shaft, and minimize the damage of the drive shaft. These products feature the wide regional applicability, with multiple speeds available; and they have good matching property and can meet all kinds of agricultural requirements.

Multiple types and models of agricultural implements can be selected to match the agricultural machinery for its operation. Your requirements are the ultimate ideas and objectives which we go ahead and pursue. The distributor network benefiting from the globalization enables you to set your mind at ease and use our agricultural implements.

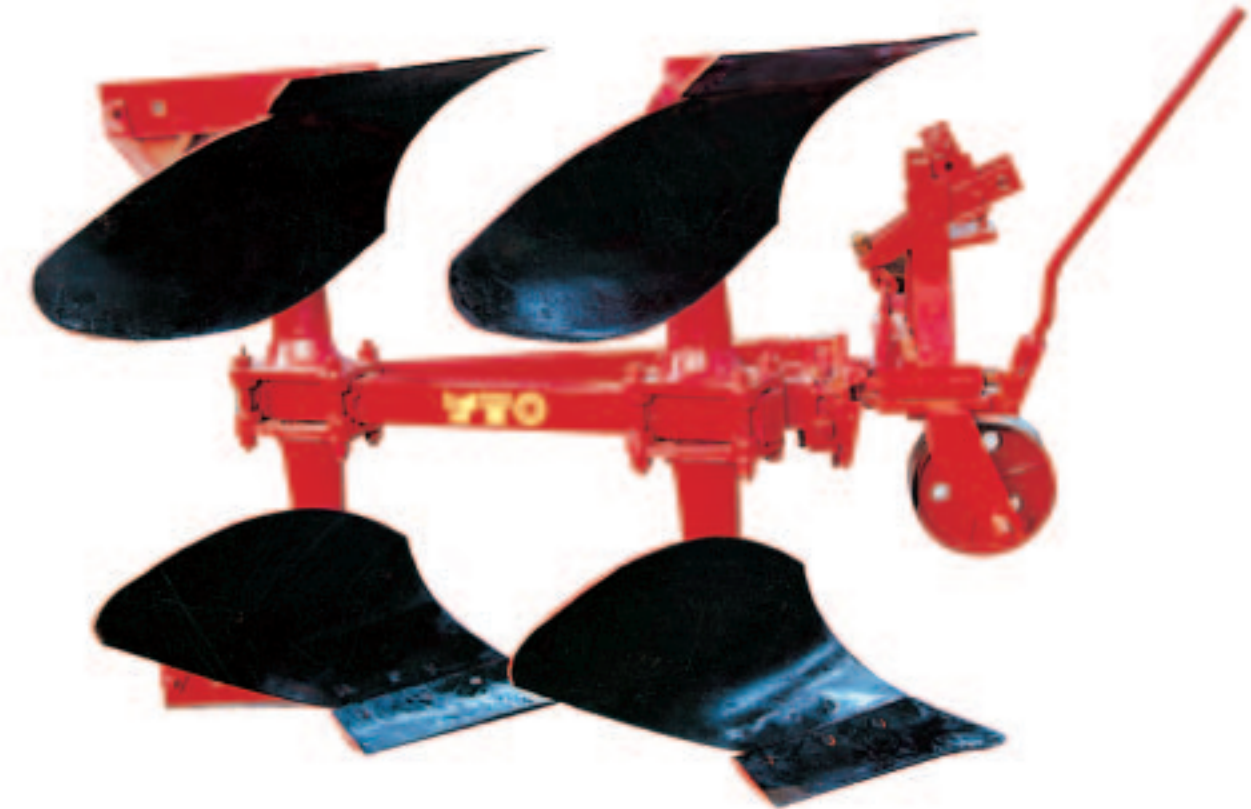
SOWER, STRAW AND STEM SHREDDER



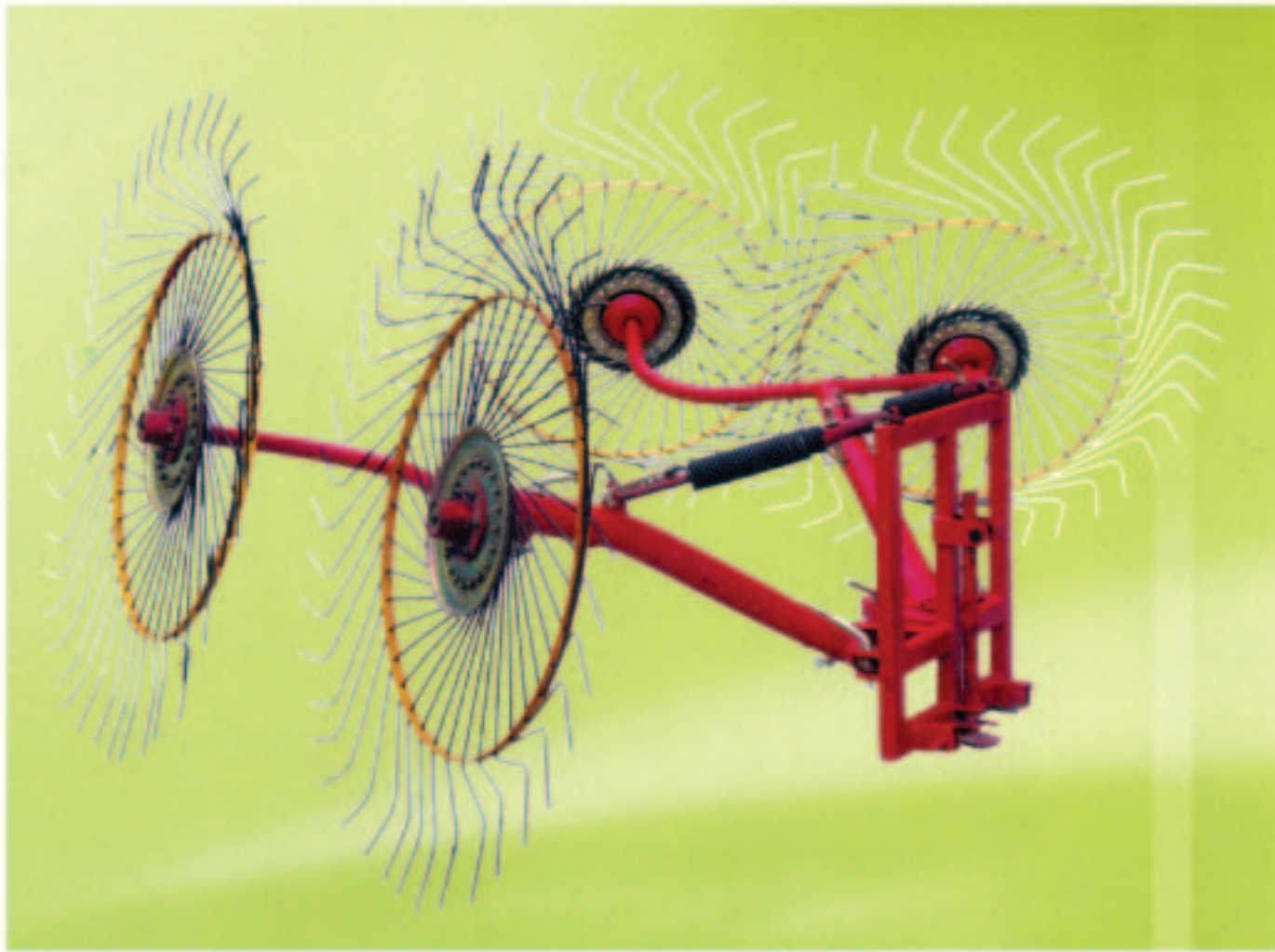
Type	Sower	
Model	Tractor engine power	
Fertilizer application seeder 2BFXZ-24	HP	80-120
No-till covering suction sower 2BQM-6A	HP	80-90
Seeder 2BXD-12	HP	18-20
Fertilizer application seeder 2BFT-12	HP	25-30
Mounted seeder 2B-16	HP	40
Mounted fertilizer application seeder 2BFX-16	HP	50-60
Mounted seeder 2BX-24	HP	70-80
Fertilizer application seeder 2BFX-24	HP	100-120

Type	Straw and stem shredder	
Model	4Q-2.5	
Spreading width	cm	250-300
Stubble height	cm	2-8
Tractor engine power	HP	80,90,100/120

PLOW & HAY RAKE



Type	Plow	
Model		Mating engine power
Mounted 2- share plow LXT 12-2-20	HP	18-20
Light-duty 3-component disc plow 1LYQ-320	HP	25-40
Mounted 3- share plow LXT 25-3-20	HP	25
Light-duty mounted 3- share plow 1LQ-325	HP	30
Light-duty mounted 4- share plow 1LQ-425	HP	40
3-component disc plow 1LY-325	HP	50
Medium-duty mounted 3- share plow 1L-330	HP	50
4-component disc plow 1LY-425	HP	60-120
Mounted 5- share plow 1L-527	HP	65
Width adjusting three-furrow plow 1L-335	HP	70-75
Width-adjusting 4-share plow 1LT-435	HP	80-120
Light-duty 3-component disc plow 1LYQ-315	HP	18-20
Mounted width-adjustment hydraulic tilting plow 1LF-335	HP	70-90
Mounted width-adjustment plow 1LYF-435	HP	80-90
Heavy-duty mounted 5- share plow 1LD-535	HP	100-120



Model		92LZ-3	92LZ-4.8
Raking Width	m	3	4.8
Overall dimension L/W/H			
Matched Power	kW	13-15	20
RPM of PTO			
Productivity	acre/hr	1-2	3-5
Rate loss	%	≤1	≤1
Rotary Wheel		4	8
Dia of the Wheel	m	1.46	1.46
Swath Width	m	0.9-1.2	1-1.5
Weight	kg	150	345

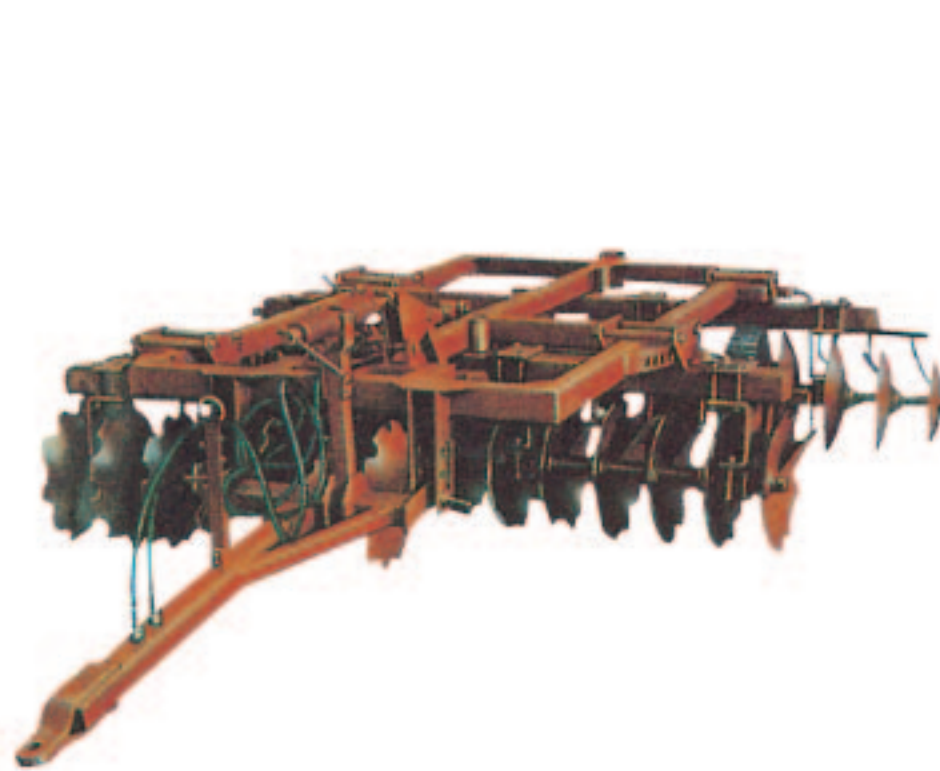
Main features

From the single-rotor swather to the dual-rotor swather, central or side discharger, to the four or five-rotor large-area swather, it has the right response for any challenge.

Any farmer or contractor will be able to find a LINER suitable for the following harvest machines from this wide range of swathers. This creates the ideal conditions for improved performance in the harvesting chain.

Whether you work as a contractor or on a farm with your own machinery, you want clean raking, even swathing, reliability and low maintenance costs. It can meet these demands.

HARROW & ROTARY TILLER



Type	Harrow	
Model		Tractor engine power
Disk harrow IBQ-5.0	HP	80-90
Power-driven harrow IBD-3.4	HP	80-90
14-piece mounted light harrow 1BQX-1 .3	HP	18-20
16-piece mounted light harrow 1BQX-1 .5	HP	25
18-piece mounted light harrow 1BQX-1 .7	HP	30-40
18-piece medium harrow 1BJX-2.0	HP	50
22-piece medium harrow 1BJX-2.4	HP	65
20-piece hydraulic offset heavy harrow 1BZ-2.0	HP	70-80
24-piece hydraulic offset heavy harrow 1BZ-2.5	HP	100-120

Type	Rotary tiller	
Model		Tractor engine power
1GN-120	HP	18-20
1GN-140	HP	25
1GN-150	HP	30
1GN-160	HP	40
1GQN-175	HP	50
1GN-2005	HP	65-80
1GQN-230	HP	80-90
1GQN-250	HP	100-120



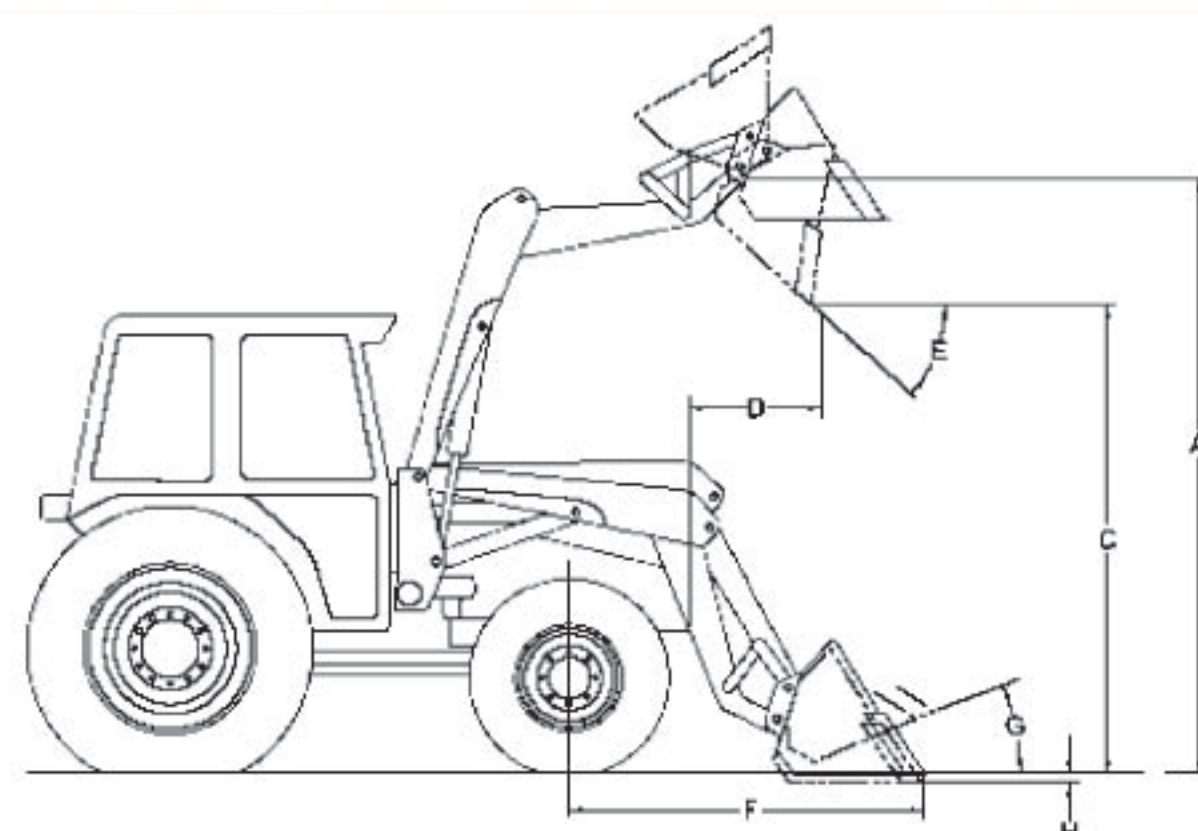
YTO-404 TRACTOR WITH LOADER



YTO-404 TRACTOR WITH LOADER

ENGINE		
Model	YTR3105	
Output (Hp) Gross	40	
Rated speed RPM	2200	
Type	Vertical, direct injection	
No. of cylinders	3	
Bore × Stroke(mm)	105 × 120	
Displacement(cc)	3117	
Air cleaner	Dry dual element	
Cold starting aid	Glow plug	
Cooling system	Water-cooled	
Fuel tank capacity (Ltr)	38	
PTO		
PTO type std.	Semi Independent	
PTO power(Hp)	34	
PTO speed Std(Opt)	540/1000	
Control	Mechanical clutch	
POWER TRAIN		
Basic trans Std.	16 × 8	
Speed range(Km/h) (F/R)	2.37-31.03/3.5-10.72	
Main gear shift type	Constant Mesh	
Diff lock	Rear mechanical	
Brake type	Rear wet disc, mechanical	
Parking brake (hand lever)	Yes	
MODEL		
X404 with TZ04DF Level lift loader & 4-in 1 Bucket		
X404 Tractor Only		
HYDRAULICS		
Control	Position & draft	
Delivery(Lpm.) Main	20	

ELECTRICALS	
Battery capacity	12V,135AH
Working light	Yes
Alternator	14V-350w
AXLES	
Wheel Base	1900
Turning radius w brake(mm)	4200
Turning radius w/o brake(mm)	4700
Standard front tyre(Ag)	8.3-20,6PR
Standard rear tyre(Ag)	12.4-28,8PR
DIMENSIONS & WEIGHT	
Length(Bumper to link end)(mm)	3540
Width (mm)	1674
Height (mm)	ROPS 2550
Ground clearance(mm)	290
Weight without ballast(Kg)	ROPS 2120



Loader Specifications

Bucket Capacity = 0.23cbm Lift Capacity = 300kg
 Time to raise boom = 8sec
 A = 2400mm C = 2000mm D = 600mm E = 42deg
 F = 1600mm G = 30deg H = 100mm

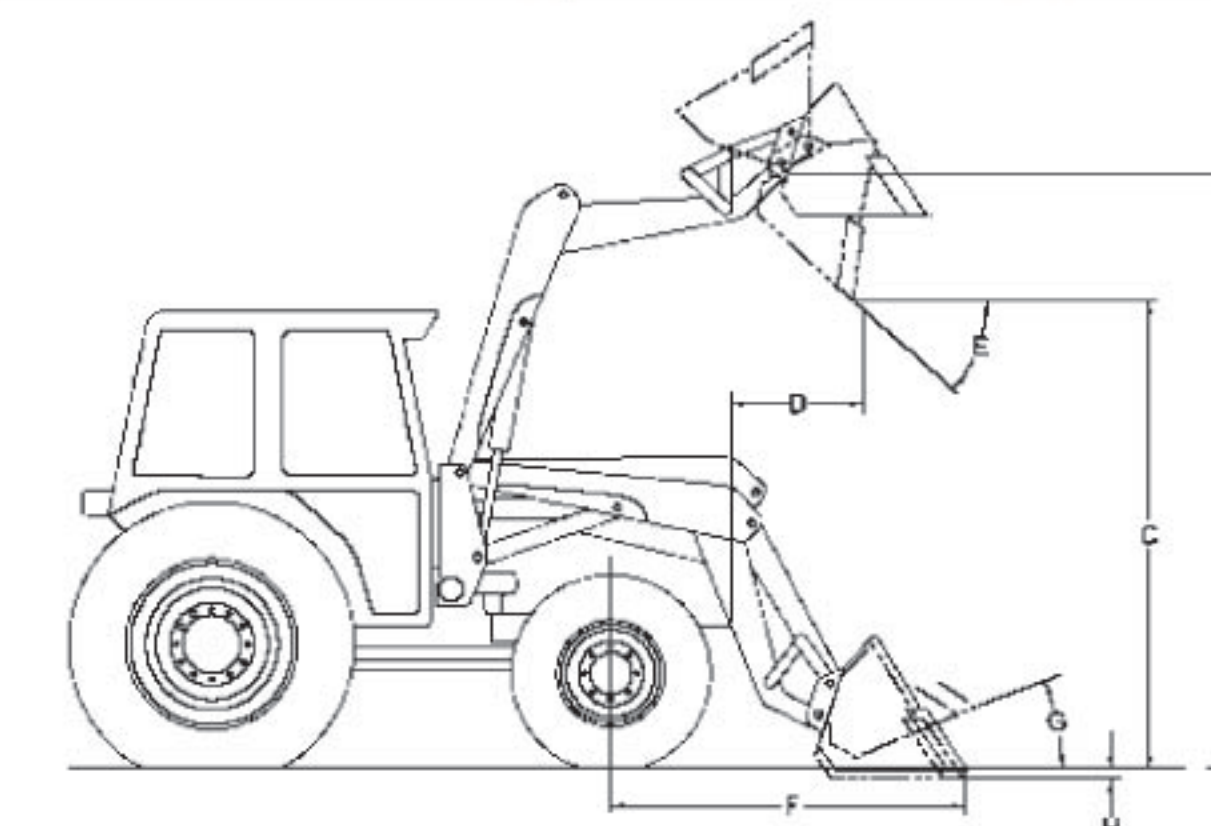
YTO-X704 TRACTOR WITH LOADER



YTO-X704 TRACTOR WITH LOADER

ENGINE		
Model		LR4105ZT
Output(Hp)	Gross	70
Rated speed RPM		2400
Type		Vertical,direct injection
No. of cylinders		4
Bore × Stroke(mm)		105 × 125
Displacement(cc)		4300
Air cleaner		Dry dual element
Cold starting aid		Glow plug
Cooling system		Water-cooled
Fuel tank capacity (Ltr) Cabin		115
Rops		115
PTO		
PTO type std.		Independent
PTO power(Hp)		63
PTO speed Std(Opt)		540/1000
Safety interlock		Yes
Control		Double Friction, Mechanical
POWER TRAIN		
Basic trans Std.		12 × 4
Speed range(Km/h)(F/R)		1.61-26.58/4.17-12.52
Main gear shift type		Synchro
Diff lock		Rear Mechanical
Brake type		4 wheel oil bath, Hydraulic
Parking brake (hand lever)		Mulit Friction, Warning Light
MODEL		
X704 Cab With TZ08DF Level lift loader & 4in1 Bucket		
X704 Cab Tractor only		
X704 ROPS With TZ08DF Level lift loader & 4in1 Bucket		
X704 ROPS Tractor only		
HYDRAULICS		
Control		Position & draft
Delivery(Lpm,)	Main	40
	Steering	12
Remote valves Std		2
Lift capacity at ball end(Kg)		1550
3-point hitch category		Cat 2
Steering		Hydrostatic

ELECTRICALS		
Battery capacity		12V,150AH
Working light		Yes
Alternator		14V-500w
AXLES		
Wheel Base		2314
Turning radius w brake(mm)		3900
Turning radius w/o brake(mm)		5300
Standard front tyre(Ag)		11.2-24,8PR
Standard rear tyre(Ag)		16.9-30,8PR
DIMENSIONS & WEIGHT		
Length(Bumper to link end)(mm)		4160
Width(mm)		1930
Height(mm)	Cabin	2832
	ROPS	2585
Ground clearance(mm)		380
Weight without ballast(Kg) Cabin		3470
	Rops	3120



Loader Specifications

Bucket Capacity = 0.4cbm Lift Capacity = 800kg
 Time to raise boom = 10sec
 A = 3300mm C = 2350mm D = 700mm E = 44deg
 F = 2100mm G = 30deg H = 100mm

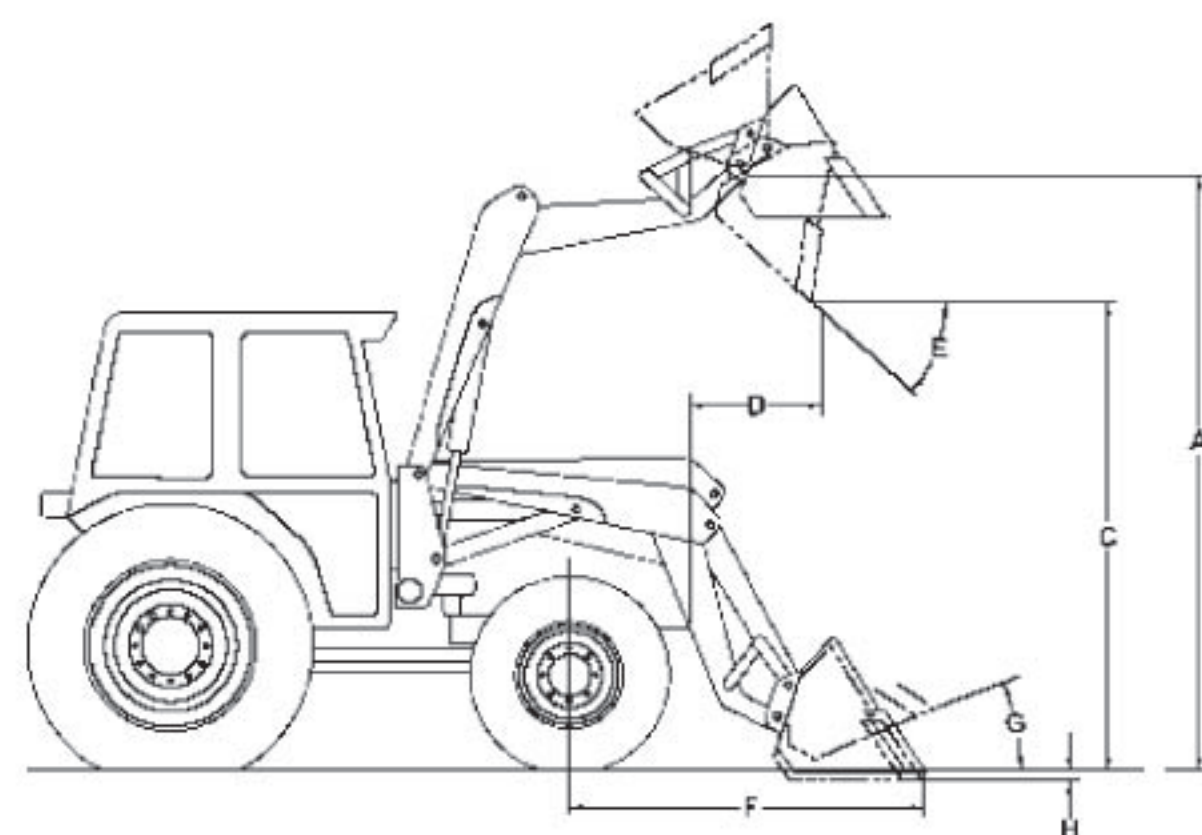
YTO-X904 TRACTOR WITH LOADER



YTO-X904 TRACTOR WITH LOADER

ENGINE	LR4105ZT55
Model	90
Output(Hp) Gross	2300
Rated speed RPM	Vertical, direct injection
Type	4
No. of cylinders	105 × 125
Bore × Stroke(mm)	4333
Displacement(cc)	Dry dual element
Air cleaner	Glow plug
Cold starting aid	Water-cooled
Cooling system	115
Fuel tank capacity (Ltr) Cabin	
PTO	Independent
PTO type std.	78
PTO power(Hp)	540/1000/720
PTO speed Std(Opt)	Yes
Safety interlock	Double Friction, Mechanical
Control	
POWER TRAIN	12 × 4
Basic trans Std.	1.65-27.2/4.3-12.8
Speed range(Km/h)(F/R)	Synchro
Main gear shift type	Rear mechanical
Diff lock	Wet disc braker
Brake type	Mult Friction, Warning Light
Parking brake (hand lever)	
MODEL	
X904 with TZ11DF Level lift loader & 4 in 1 Bucket	
X904 Tractor only	
HYDRAULICS	Position & draft
Control	40
Delivery(Lpm.) Main	16
Steering	2
Remote valves Std	1750
Lift capacity at ball end(Kg)	Cat 2
3-point hitch category	Hydrostatic
Steering	

ELECTRICALS	
Battery capacity	12V,150AH
Working light	Yes
Alternator	14V-500W
AXLES	
Wheel Base	2314
Turning radius w brake(mm)	4300
Turning radius w/o brake(mm)	5600
Standard front tyre(Ag)	13.6-24,8PR
Standard rear tyre(Ag)	16.9-34,8PR
DIMENSIONS & WEIGHT	
Length(Bumper to link end)(mm)	4260
Width(mm)	2170
Height(mm) Cabin	2875
Ground clearance(mm)	440
Weight without ballast(Kg) Cabin	3790



Loader Specifications

Bucket Capacity = 0.5cbm Lift Capacity = 1000kg

Time to raise boom = 10sec

A = 3400mm C = 2400mm D = 700mm E = 44deg

F = 2100mm G = 30deg H = 100mm

YTO-7CX-3/7CX-5/7CX-6 TRAILER

YTO-7CB-1.5/7CB-2.0 TRAILER



YTO-7CX-3/7CX-5/7CX-6 TRAILER

Type	YTO-7CX-3	YTO-7CX-5	YTO-7CX-6
Rated load	3000	5000	6000
Kerb mass	kg 1280	2500	2700
Overall dimensions (L × W × H)	kg 4000 × 1740 × 2150	6200 × 2300 × 2600	6350 × 2200 × 2600
Cargo body interior dimension (L × W × H)	mm 2900 × 1500 × 550	3900 × 2190 × 550	4500 × 2190 × 2600
Cargo body volume	mm 2.4	4.7	5.42
Wheel tread	m ³ 1300	1670	1670
Axle base	mm 1700	2180	2780
Ground clearance from the towing point	mm 530	805	805
Number of wheels	4	4	4
Tyre size	750-16	900-20	900-20
Brake type	Inflation braking	Inflation braking	Inflation braking
Steering type	Centerless rotating plate	Centerless rotating plate	Centerless rotating plate
Suspension type	Plate spring elastic suspension	Plate spring elastic suspension	Plate spring elastic suspension
Tilting type	Tilting to the left and to the right	Tilting to the left and to the right	Tilting to the left and to the right
Max. angle of overturn	≥ 45°	≥ 45°	≥ 45°
Tractor engine	HP 25-40	50-90	50-90

YTO-7CB-1.5/7CB-2.0 TRAILER

Type	YTO-7CB-1.5	YTO-7CB-2.0
Rated load	kg 1500	2000
Kerb mass	kg 550	680
Overall dimensions (L × W × H)	mm 2600 × 1400 × 1700	2770 × 1600 × 1880
Cargo body interior dimension (L × W × H)	mm 2000 × 1000 × 520	2400 × 1200 × 520
Cargo body volume	m ³ 1.04	1.5
Wheel tread	mm 1370	1550
Ground clearance from the towing point	mm 560	600
Number of wheels	2	2
Tyre size	mm 650-16	700-16
Brake type	Inflation braking	Inflation braking
Suspension type	Plate spring elastic suspension	Plate spring elastic suspension
Tilting type	Tilting to the rear	Tilting to the rear
Max. angle of overturn	≥ 45°	≥ 45°
Tractor engine	HP 15-25	15-25

Main features

7CX-3/7CX-5/7CX-6 trailers are featured with good structure and appearance, economical and durable, can be used together with all tractors, it has the left, right or rear tilting functions with good discharge efficiency.

The 7CB-1.5/7CB-2.0 trailer has reasonable structure and pleasing appearance. It is economical and durable, and is used with many models of tractors. It has three-side functions for tilting to the left, right or rear with good discharge efficiency.

