

PRODUCT MANUAL



AFGRO
GROUP
"future of farming"

ABOUT US

AFGRO Tractor manufacturing is one of the most famous of the world.

The company covers an area of about 200,000 square meters. It is a private enterprise that integrates scientific research, production and marketing into one. The company is pragmatic, innovative, and adheres to the concept of high-standard and high-quality product production, so that the products are continuously optimized and upgraded, and the company has developed steadily. The company has strong technical force, excellent production equipment and national advanced automatic assembly line. Our products meet the requirements of international standard quality system and mature and perfect service guarantee system and have passed the ISO9001 international quality system certification. Our products have been awarded national patents by China National Intellectual Property Administration for ten times. The company adheres to the principle of quality first and customer first and warmly welcomes new and old customers at home and abroad to visit and guide us.

The company produces 35-400 horsepower wheeled tractors, etc. In addition, the company produces high-end models of intelligent tractors and various agricultural machinery and tools. Welcome to the company to negotiate.



CERTIFICATION

Enterprise honor 企业荣誉





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFZ3604 : AFZ SERIES TRACTOR



This series of tractors is a new generation of high-horsepower intelligent driving tractors, with reasonable power matching and large traction. It is equipped with a new air-conditioned cab, which is safe and comfortable. The gearbox is composed of mechanical space, and the shift mode is power shift+ power commutation, with uninterrupted power, which improves work efficiency, PTO and Three-point suspension device are electro-hydraulic controlled, with simple and reliable operation and precise control; The traveling system adopts hydraulic clutch and electro-hydraulic control, and the PTO adopts wet clutch, which has strong stability and long service life. It adopts suspended pedal, lateral control, fully sealed cab, dustproof, waterproof and heat insulation, which effectively prolongs the service life of the equipment. Optional automatic assisted driving system, saving time and effort.

GENERAL SPECIFICATION

Products Model No.	AFZ3604
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	6180×3120×3550
Wheel Base(mm)	3210
Front/ Rear Wheel Tread(mm)	2000、2200、2400、2600/2150~2650
Minimum service quality(Kg)	11530
Gear Shifts	48/24
Transmission Box	(6+3) ×2×4
Engine Brand	FAW、WEICHA
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	264.8/265
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	540/1000





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFV3204 : AFV SERIES TRACTOR



Auto Steering System

This series of tractors are high-powered intelligent driving tractors with reasonable power matching and large traction, and are equipped with a new air-conditioned cab, which is safe and comfortable. The auxiliary gear shifting mode is power reversing, synchronizer shifting, and the power is not interrupted, and the reversing is instantaneous! Improve work efficiency; Power-reversing tractors double the efficiency of arable land and sowing. Fully electronically controlled hydraulic lifting and hydraulic output, achieving precise control and simple and reliable operation.

GENERAL SPECIFICATION

Products Model No.	AFV3204
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	6260×3020×3550
Wheel Base(mm)	3310
Front/ Rear Wheel Tread(mm)	2100、2300、2500、2700/2100~2800
Minimum service quality(Kg)	10260
Gear Shifts	32/32
Transmission Box	4×4×2× (1+1)
Engine Brand	FAW、WEICHA
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	235.5
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	540/1000





CVT stepless speed change technology is adopted to realize stepless speed change of 0-40km/h without gear shift, which solves the problem of efficiency reduction caused by frequent gear shift operation and can automatically match the optimal speed according to the working load. The comprehensive operation efficiency is improved by 15%-30%, and the fuel consumption is reduced by 10%; Adopt multifunctional armrest box, integrated intelligent operation platform, fully electronic control and intelligent control of the whole vehicle, making the operation more convenient, Simple and comfortable operation, no shift impact, easy operation for drivers, and reduced work fatigue.

GENERAL SPECIFICATION

Products Model No.	AFVT2804
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	5610×2710×3160
Wheel Base(mm)	2810
Front/ Rear Wheel Tread(mm)	1800、2000、2200、2400/1800~2500
Minimum service quality(Kg)	9060
Gear Shifts	variable speed
Transmission Box	variable speed
Engine Brand	FAW、WEICHAI、SHANGCHAI
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	206/205.8
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	540/540E/1000





Auto Steering System

This series of **power reversing** tractors cancels the traditional dry clutch and adopts multi-friction plate wet clutch, which makes the operation easier and improves the working efficiency. 32+32 shift is adopted, which has a wider speed range and meets diversified operation requirements; Electronically controlled wet PTO clutch to realize one-key combination/separation.

GENERAL SPECIFICATION

Products Model No.	AFTS2604
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	5610×2700×3130
Wheel Base(mm)	2800
Front/ Rear Wheel Tread(mm)	1800、2000、2200、2400/1800~2500
Minimum service quality(Kg)	8360
Gear Shifts	32/32
Transmission Box	4×4×2× (1+1)
Engine Brand	SHANGCHAI、WEICHAI、DONGFANGHONG(YTO)
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	191.5
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	540/1000





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFTC2204 : AF SERIES TRACTOR



It has **power reversing function**, continuous power and optional direction, and the reversing switch is close at hand, which can easily realize forward/backward. Equipped with power PTO function, it can be operated in the cab and at the rear of the car, which is convenient and fast. It can adjust the lifting angle by itself and cut off/ restore the power of PTO. Equipped with slow climbing gear, the speed is subdivided again, driving and shifting are smoother, and the applicability of working conditions is stronger. There are many gears and choices to meet the requirements of different working environments.

GENERAL SPECIFICATION

Products Model No.	AFTC2204
Wheel Drive	Four-wheel drive
Dimension(L*W*H) mm	5460*2460*3150
Wheel Base(mm)	2930
Front/ Rear Wheel Tread(mm)	1800、1900、2000、2100/1700~2060
Minimum service quality(Kg)	7050
Gear Shifts	24/24
Transmission Box	4*2*3*(1+1)
Engine Brand	SHANGCHAI、WEICHAİ、DONGFANGHONG (YTO)
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	162
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	760/1000, Optional 540/760、760/850





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFD2004-H(G4) :AFD SERIES TRACTOR



Auto Steering System

This series of tractors adopts **power shifting and power reversing**, and the power can shift/ reverse continuously, which improves the working efficiency. Equipped with new air-conditioned cab, safe and comfortable; PTO and three-point suspension device are electro-hydraulic controlled, with simple and reliable operation and precise control.

GENERAL SPECIFICATION

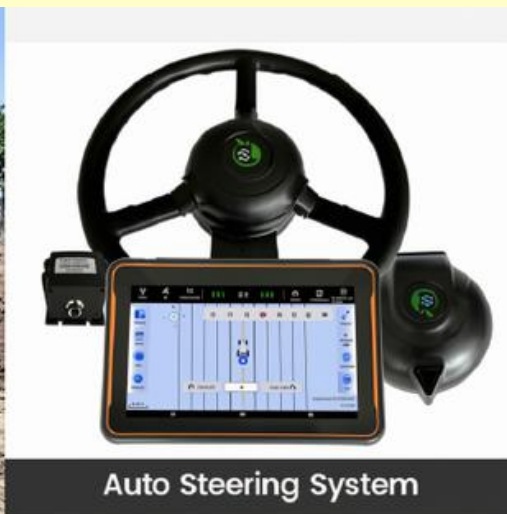
Products Model No.	AFD2004-H (G4)
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	5420×2360×3130
Wheel Base(mm)	2780
Front/ Rear Wheel Tread(mm)	1800、1880、1960、2040/1700~2060
Minimum service quality(Kg)	6480
Gear Shifts	32/16
Transmission Box	4×2×2×(2+1)
Engine Brand	SHANGCHAI、WEICHAI、 Dongfanghong(YTO)、 Quanchai
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	147
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	760/850, Optional 540/1000、 760/1000





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFD2404 : AFD SERIES TRACTOR



Auto Steering System

The adoption of new energy technology can significantly reduce lowcarbon emissions, and the fuel saving rate can reach 30%, which is efficient, energy-saving, low-carbon and environmentally friendly, in line with the trend of green agriculture. Flexible and intelligent operation control can realize smooth speed change and meet different operation requirements. Motor direct drive technology makes the start smoother and reduces power jump.

GENERAL SPECIFICATION

Products Model No.	AFD2404
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	580×2800×3210
Wheel Base(mm)	3000
Front/ Rear Wheel Tread(mm)	2000、2200、2400、2600/2000~2800
Minimum service quality(Kg)	7680
Gear Shifts	3/3
Transmission Box	3-speed electronic control transmission
Engine Brand	SHANGCHAI、WEICHAI、Dongfanghong (YTO)
Engine Type	Vertical, direct injection, 4stroke
Engine Rated Power (Kw)	177
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	540/1000





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFFD1404 : AFD SERIES TRACTOR



The adoption of new energy technology can significantly reduce low-carbon emissions, and the fuel saving rate can reach 30%, which is efficient, energy-saving, low-carbon and environmentally friendly, in line with the trend of green agriculture. Flexible and intelligent operation control can realize smooth speed change and meet different operation requirements. Motor direct drive technology makes the start smoother and reduces power jump.

GENERAL SPECIFICATION

Products Model No.	AFD1404
Wheel Drive	Four-wheel drive
Dimension(L*W*H) mm	4990*2200*3060
Wheel Base(mm)	2625
Front/ Rear Wheel Tread(mm)	1800、2000、2200、2400/1800~2500
Minimum service quality(Kg)	4510
Gear Shifts	2 Speed
Transmission Box	2-Speed transmission
Engine Brand	YUNNEI
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	103/102.9
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	760/850





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFFR1204 : AFTR SERIES TRACTOR



Auto Steering System

The electronic control wet clutch technology is adopted to realize commutation without cutting off power, which improves working efficiency and maneuverability and reduces the operating burden of drivers. Smooth gear shifting, uninterrupted power, suitable for low-speed and high-precision operation, reducing machine frustration and ensuring operation quality. Convenient operation, no need to step on the clutch frequently, and shift gears through buttons or levers, which reduces the operation intensity and is easy for novices to use. It is suitable for any complex scene, saving labor and time.

GENERAL SPECIFICATION

Products Model No.	AFTR1204
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	4540×2160×3010
Wheel Base(mm)	2290
Front/ Rear Wheel Tread(mm)	1500、1600、1700、1800/1500-2000
Minimum service quality(Kg)	3860
Gear Shifts	12/12
Transmission Box	4×3×(1+1)
Engine Brand	Quanchai、WEICHAI、YC
Engine Type	direct injectiong,4stroke
Engine Rated Power (Kw)	88.2
Engine Rated Revolution (r/ min)	2300/2400
PTO Speed (r/ min)	540/760, Optional 540/1000





The power reversing model in the middle horsepower section is equipped with wet clutch, which is lightweight, more flexible and fully functional. The reversing switch under the steering wheel can realize uninterrupted power forward and backward, and the reversing is convenient. Adopt the latest hood, the appearance is smoother and more beautiful, and the limit wheel track is as short as less than one meter. Equipped with power PTO function, it can be operated in the cab and at the rear of the car, which is convenient and fast. It can adjust the lifting angle by itself and cut off/ restore the power of PTO. Balanced speed and smooth shifting can improve work efficiency, saving time, effort and worry.

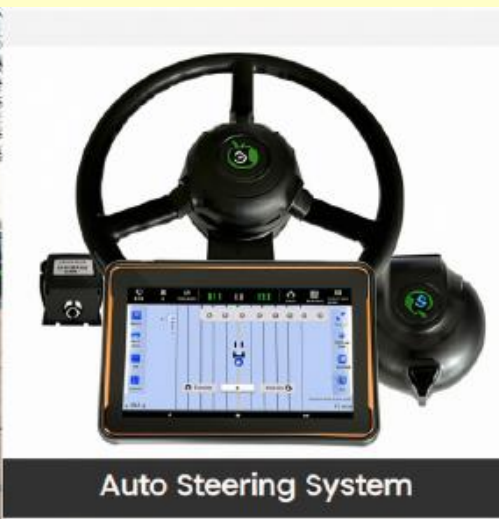
GENERAL SPECIFICATION

Products Model No.	AFTN804
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	4060×1650×2680
Wheel Base(mm)	2080
Front/ Rear Wheel Tread(mm)	1000、1100、1200、1300、1400/950-1400
Minimum service quality(Kg)	2460
Gear Shifts	8/8
Transmission Box	4×2×(1+1)
Engine Brand	Quanchai、WEICHAI、Yunnei
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	58.8/59
Engine Rated Revolution (r/ min)	2400/2300
PTO Speed (r/ min)	760/1000, Optional 540



AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AF2604(G4) : AF SERIES TRACTOR



Auto Steering System

The series tractor is a versatile, high-horsepower agricultural tractors. The model has compact structure, convenient operation, flexible steering, traction, versatile and easy maintenance Characteristics, the series use the TB chassis, 4-wheel drive, 32F+32R gear box, Hydraulic steering, double clutch, And the 3-Point linkage is adjustable by floating way. The series can choose to equip the roll bar, hydraulic multivalves, heater cabin.

GENERAL SPECIFICATION

Products Model No.	AF2604 (G4)
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	5580×2780×3390
Wheel Base(mm)	2800
Front/ Rear Wheel Tread(mm)	1900、2000、2100、2200/1800~2500
Minimum service quality(Kg)	8430
Gear Shifts	16/16, Optional 32/32
Transmission Box	4×4×(1+1), Optional 4×4×2×(1+1)
Engine Brand	Shangchai、WEICHAI、Dongfanghong (YTO)
Engine Type	direct injectiong,4stroke
Engine Rated Power (Kw)	191.5
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	760/850, Optional 540/1000、 760/1000





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AF2104-M(G4) : AF SERIES TRACTOR



This series of products adopts a new type of **special gearbox and rear axle** developed by our company, synchronizer+ meshing sleeve shuttle shift, thickening half shaft, increasing gear module and strengthening brake, Four-wheel drive, reasonable structure, special high-horsepower electro-hydraulic differential lock front axle, front wheel hydraulic steering, flexible operation and better passing performance; Double-acting clutch and electro-hydraulic clutch are used, and independent mechanism is used for driving and parking braking, which is convenient to operate, Two-speed rear power output, multi-channel hydraulic power output, stepless adjustment of rear wheel track, suitable for the operation requirements of various agricultural machinery and tools, and widely used.

GENERAL SPECIFICATION

Products Model No.	AF2104-M(G4)
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	5490×2360×3150
Wheel Base(mm)	2850
Front/ Rear Wheel Tread(mm)	1800、1900、2000、2100/1700~2060
Minimum service quality(Kg)	6750
Gear Shifts	24/8
Transmission Box	4×2×(3+1)
Engine Brand	Shangchai、WEICHAI (YTO)
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	155
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	760/850, Optional 540/1000、760/1000





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFFTD1604(G4) : AFTD SERIES TRACTOR



The series tractor is a versatile, high-horsepower agricultural tractors. The model has compact structure, convenient operation, flexible steering, traction, versatile and easy maintenance Characteristics, the series use the big model chassis, 4wheel drive, 16F+8R gear box, Hydraulic steering, double clutch, And the 3-Point linkage is adjustable by floating way. The series can choose to equip the roll bar, hydraulic multi-valves, heater and AC cabin.

GENERAL SPECIFICATION

Products Model No.	AFTD1604(G4)
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	5120×2140×3020
Wheel Base(mm)	2630
Front/ Rear Wheel Tread(mm)	1600、1700、1750、1800/1600~1850
Minimum service quality(Kg)	5130
Gear Shifts	16/8, Optional 24/8
Transmission Box	4×2×(2+1), Optional 4×2×(3+1)
Engine Brand	(YTO)、WEICHAI
Engine Type	Vertical, direct injectiong, 4stroke
Engine Rated Power (Kw)	118
Engine Rated Revolution (r/ min)	2200
PTO Speed (r/ min)	760/850, Optional 540/1000、760/1000





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFT1004(G4) : AFT SERIES TRACTOR



Auto Steering System



This series of products are four-wheel drive, with reasonable structure, adopting a new special gearbox and rear axle developed by our company, synchronizer+ meshing sleeve shuttle shift, thickening half shaft, increasing gear module and strengthening brake; the front wheel hydraulic steering is adopted, which has flexible control and better passing performance, Adopt famous brand engine and double-acting clutch to make the whole vehicle more powerful; Electro-hydraulic clutch can be used, synchronizer can be selected, and independent mechanism is used for driving and parking braking, which is convenient and labor-saving; Two-speed rear power output, multi-channel hydraulic power output, stepless adjustment of rear wheel distance, suitable for the operation requirements of various agricultural machinery and tools, and widely used; Equipped with a new luxury air-conditioned cab, it is safe and comfortable, easy to maintain, and has a large fuel tank capacity without anxiety.

GENERAL SPECIFICATION

Products Model No.	AFT1004(G4)
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	4010×1835×2750
Wheel Base(mm)	2050
Front/ Rear Wheel Tread(mm)	1200、1300、1380、1500/1200~ 1500
Minimum service quality(Kg)	3210
Gear Shifts	12/12
Transmission Box	4×3× (1+1)
Engine Brand	WEICHAI
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	73.5
Engine Rated Revolution (r/ min)	2400/2300
PTO Speed (r/ min)	760/850,Optional 540/1000、 760/1000



The AFGRO multi-functional tracked tractor features a rational design, comprehensive safety protection, durable performance, and easy operation. Due to its low center of gravity, the tracked tractor has a large contact area with the ground, resulting in a high coefficient of friction on the surface. The triangular track drive reduces ground pressure, providing excellent stability against tipping and sliding down slopes. The hydraulic differential steering offers a small turning radius for flexibility, enabling 360° on-the-spot turning and strong climbing ability. This makes it particularly suitable for heavy clay and sloping terrain operations. The tracked tractor can overcome the shortcomings of wheeled tractors, significantly improving work quality.

GENERAL SPECIFICATION

Products Model No.	AFL1002
Wheel Drive	Two-wheel drive
Dimension(L×W×H) mm	4210×1880×3100
Wheel Base(mm)	1630
Front/ Rear Wheel Tread(mm)	1300
Minimum service quality(Kg)	3210
Gear Shifts	12/12
Transmission Box	4×3× (1+1)
Engine Brand	(YTO) 、 WEICHAI
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	73.6/73.5
Engine Rated Revolution (r/ min)	2300/2400
PTO Speed (r/ min)	540/760, Optional 760/1000



AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AF704-1(G4) : AF SERIES TRACTOR



Auto Steering System

This series of tractors is a multi-purpose, medium horsepower agricultural wheeled tractor, which has the characteristics of compact structure, flexible steering, large traction, wide use and convenient maintenance. TB rear axle, four-wheel drive, 12F+12Rgear box, full hydraulic power steering, comprehensive adjustment of force and position, floating control suspension. Can be equipped with safety frame, warm air cab, hydraulic multi-way valve and so on.

GENERAL SPECIFICATION

Products Model No.	AF704-1 (G4)
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	3820×1720×2610
Wheel Base(mm)	2020
Front/ Rear Wheel Tread(mm)	1200、1300、1400、1500/1200~ 1500
Minimum service quality(Kg)	2250
Gear Shifts	12/12
Transmission Box	4×3×(1+1)
Engine Brand	WEICHAi
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	51.5
Engine Rated Revolution (r/ min)	2400/2300
PTO Speed (r/ min)	540/760, Optional 540/1000





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFTE504(G4) : FULL TRACK TRACTOR



Auto Steering System



The series tractor is a versatile, high-horsepower agricultural tractors. The model has compact structure, convenient operation, flexible steering, traction, versatile and easy maintenance Characteristics, the series use the TD chassis, Hydraulic steering, double clutch, And the 3-Point linkage is adjustable by floating way. The series can choose to equip the roll bar, hydraulic multi-valves, heater and AC cabin.

GENERAL SPECIFICATION

Products Model No.	AFTE504 (G4)
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	3680×1510×2680
Wheel Base(mm)	1900
Front/ Rear Wheel Tread(mm)	950、1050、1200、1300/950~1300
Minimum service quality(Kg)	1500
Gear Shifts	8/2, Optional 8/8
Transmission Box	4× (2+1), Optional 4×2× (1+1)
Engine Brand	WEICHAI, (YTO)
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	36.8
Engine Rated Revolution (r/ min)	2400/2300
PTO Speed (r/ min)	540/720, Optional 540





AFGRO TRACTOR MANUFACTURING CO., LTD.

PHOKA-AFX504C(G4) : AF SERIES TRACTOR



Auto Steering System

This series of tractors is a multifunctional tractor specially designed for greenhouse planting or garden management, which has the performance of ordinary tractors and is an ideal power machine for greenhouse planting and garden management. The size of the whole machine is smaller, with the characteristics of short, short and narrow, and the turning radius of the unilateral braking system is smaller and more flexible when working in greenhouses or orchards, which is suitable for complex road conditions.

GENERAL SPECIFICATION

Products Model No.	AFX504C (G4)
Wheel Drive	Four-wheel drive
Dimension(L×W×H) mm	2930×1300×2040
Wheel Base(mm)	1490
Front/ Rear Wheel Tread(mm)	850、950、1000、1100、1200、1300/1155-1300
Minimum service quality(Kg)	1260
Gear Shifts	8/2, Optional 8/8
Transmission Box	4×(2+1) , Optional 4×2×(1+1)
Engine Brand	Quanchai、Yunnei、Xichai
Engine Type	Vertical, direct injectiong,4stroke
Engine Rated Power (Kw)	36.8
Engine Rated Revolution (r/ min)	2400/2300
PTO Speed (r/ min)	540/720, Optional 540



FRONT END LOADER

Three-point linkage and PTO to connect the tractor



BACKHOE

Attach to the tractor power from 20HP-150H



PALLET FORK



SNOW BLOWER



BULLDOZER



POSTING HOLE DIGGER







Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1LY-315	3	460	450	180	170	25-30
AF1LY-320	3	510	600	200	190	30-50
AF1LY-322	3	560	660	220	316	45-55
AF1LY-225	2	660/710	500	250-300	305-315	50-60
AF1LY-325	3	660/710	750	250-300	430-450	75-90
AF1LY-425	4	660/710	1000	250-300	500-525	90-100



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1LY-2	2	660	500-600	250	350	50-60
AF1LY-3	3	660	750-900	250	400	75-90
AF1LY-4	4	660	1000-1200	250	470	90-100
AF1LY-5	5	660	1250-1500	250	560	100-120



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1LYD-230	2	660	500-600	250	300	50-60
AF1LYD-330	3	660	750-900	250	390	75-90
AF1LYD-430	4	660	1000-1200	250	490	90-100
AF1LYD-530	5	660	1250-1500	250	575	100-120



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1LYZ-325	3	660X6	750	250-300	420	75-90
AF1LYZ-425	4	660X6	1000	250-300	526	90-100
AF1LYZ-525	5	660X6	1250	250-300	650	120-130
AF1LYZ-625	6	660X6	1500	250-300	755	130-160



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1LYS-325	3		750-900	626-650		75-90
AF1LYS-425	4		1000-1200	758-790		90-100
AF1LYS-525	5	660-710	1250-1500	1050-1100	250-300	100-120
AF1LYS-625	6		1500-1800	1300-1350		120-130
AF1LYS-725	7		1750-2100	1450-1520		150-180
AF1LYS-825	8		2000-2400	1600-1680		180-220



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)	Overall size(mm)
AF1LY-635	6	710x8	2100	250-300	1600	125-160	1500x4800x1100
AF1LY-735	7	710x8	2450	250-300	1700	160-200	1500x5500x1100
AF1LY-835	8	710x8	2800	250-300	1800	180-220	1500x6200x1100



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1BQX-1.1	12	460x3	1100	50-150	200	15-20
AF1BQX-1.3	14	460x3	1300	50-150	220	15-20
AF1BQX-1.5	16	460x3	1500	50-150	256	20-35
AF1BQX-1.7	18	460x3	1700	50-150	270	30-50
AF1BQX-1.9	20	460x3	1900	50-150	310	50-60
AF1BQX-2.1	22	460x3	2100	50-150	326	50-60



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1BJTX-2.6	24	560	2600	150-200	900	70-90
AF1BJTX-2.8	26	560	2800	150-200	950	80-100
AF1BJTX-3.0	28	560	3000	150-200	1000	100-120

FARM EQUIRMENTS : AF1BQDX HANGING PAIR SETTING LIGHT DUTY DISC HARROW



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1BQDX-1.25	16	460X4	1250	50-150	301	35-40
AF1BQDX-1.6	20	460/510X4	1600	50-150	364-380	44-50
AF1BQDX-1.95	24	460/510X4	1950	50-150	407-430	50-60
AF1BQDX-2.3	28	460/510X4	2300	50-150	459-487	60-75
AF1BQDX-2.65	32	460/510X4	2650	50-150	487-519	75-85
AF1BQDX-3.0	36	460/510X4	3000	50-150	530-600	85-100

FARM EQUIRMENTS : HANGING MEDIUM-SIZED DISC HARROW



Model No.	Nr. of discs	Diameter of disc (mm)	Working width (mm)	Working depth (mm)	Weight(kg)	Matched Tractor (HP)
AF1BJX-1.6	14	560	1600	150-200	418	50-60
AF1BJX-1.8	16	560	1800	150-200	445	50-60
AF1BJX-2.0	18	560	2000	150-200	472	55-75
AF1BJX-2.2	20	560	2200	150-200	540	55-75
AF1BJX-2.4	22	560	2400	150-200	650	70-80
AF1BJX-2.6	24	560	2600	150-200	680	70-80
AF1BJX-2.8	26	560	2800	150-200	800	80-100

FARM EQUIRMENTS : AF1BQDX-G SERIES HANGING SQUARE TUBE PAIR SETTINGLIGHT DUTY DISC

LIGHT DUTY“X” TYPE DISC HARROW

Standard Features - High tensile, heat treated notched discs.Easy gang adjustment with locking device. Light duty grease bath bearings per gang. Adjustable disc scrapers(optional).



Model No.	Nr. of discs	Working width (mm)	Working depth(mm)	Disc spacing(mm)	Dia. of disc	Weight(kg)	Tractor power(hp)
AF1BQDX-1.25G	16	1250	50-150	175	18"	390	30-40
AF1BQDX-1.6G	20	1600	50-150	175	18"	450	40-50
					20"	470	50-60
AF1BQDX-1.95G	24	1950	50-150	175	20"	520	60-75
AFIBQD-2.3G	28	2300	50-150	175	20"	540	60-75

FARM EQUIRMENTS : AF1BJDX SERIES MIDDLE-DUTY PAIR SETTING DISC HARROW

Model No.	Nr. of discs	Dia. of disc	Thickness of disc(mm)	Working width(mm)	Working depth(mm)	Disc spacing(mm)	Square tube size(mm)	Weight (kg)	Tractor power(hp)
AF1BJDX-2.2	20	22"	4	2200	150-200	225	80x80x8	750	60-70
AF1BJDX-2.6	24	22"	4	2600	150-200	225	80x80x8	830	70-80
AF1BJDX-3.0	28	22"	4	3000	150-200	225	80x80x8	910	90-100
AF1BJDX-3.4	32	22"	4	3400	150-200	225	100x100x8	1065	100-120

AF1BJ HYDRAULIC PRESSURE OFFSET MEDIUM-SIZED DISC HARROW



Model No.	Nr. of discs	Dia. of disc	Working width(mm)	Working Depth (mm)	Weight(kg)	Matched Tractor(HP)	Tractor power(hp)
AF1BJY-4.0	36	560x4	4000	150-200	150-200	1900	60-70

FARM EQUIRMENTS : AF1BZ HYDRAULIC PRESSURE OFFSET HEAVY DISC HARROW



Model No.	Nr. of discs	Size of disc (mm)	Working width (mm)	Linkage	Working depth (mm)	Weight(kg)	Tractor(hp)
AF1BZ-1.8	16		1800			1100	70-80
AF1BZ-2.0	18		2000			1200	80-90
AF1BZ-2.2	20	660*5	2200	Tractor trailed	180-220	1380	100-120
AF1BZ-2.5	24		2500			1510	120-150
AF1BZ-3.0	26		3000			1650	150-180
AF1BZ-3.5	32		3500			1890	180-250

FARM EQUIRMENTS : AF1BZX HYDRAULIC PRESSURE OFFSET HEAVY DISC HARROW



Model No.	Nr. of discs	Size of disc (mm)	Working width (mm)	Weight (kg)	Tractor (hp)	Disc spacing	Axle size	Depth cut	Bearing assembly
AF1BZX-2.0	18		2000	1740	85-95	9" (230mm)	Square or round 1.4/7" (40mm)	7"-8.5/8" (180-220m m)	Grease or oil bath
AF1BZX-2.2	20		2200	2050	95-100	9" (230mm)	Square or round 1.4/7" (40mm)	7"-8.5/8" (180-220m m)	Grease or oil bath
AF1BZX-2.35	22	660*5	2350	2150	100-130	9" (230mm)	Square or round 1.4/7" (40mm)	7"-8.5/8" (180-220m m)	Grease or oil bath
AF1BZX-2.5	24		2500	2250	130-160	9" (230mm)	Square or round 1.4/7" (40mm)	7"-8.5/8" (180-220m m)	Grease or oil bath
AF1BZX-3.0	28		3000	2450	140-180	9" (230mm)	Square or round 1.4/7" (40mm)	7"-8.5/8" (180-220m m)	Grease or oil bath
AF1BZX-3.5	32		3500	2950	180-250	9" (230mm)	Square or round 1.4/7" (40mm)	7"-8.5/8" (180-220m m)	Grease or oil bath

FARM EQUIRMENTS : AF1BZY HYDRAULIC PRESSURE OFFSET HEAVY DISC HARROW



Model No.	Nr. of discs	Size of disc (mm)	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)	Bearing Assembly
AF1BZY-1.8	16	610*6	1800	150-200	1420	70-85	Grease or oil bath
AF1BZY-2.0	18	660*6	2000	180-220	1580	85-100	Grease or oil bath
AF1BZY-2.2	20	660*6	2200	180-220	1660	100-120	Grease or oil bath
AF1BZY-2.5	24	660*6	2500	180-220	2100	125-150	Grease or oil bath
AF1BZY-3.0	28	660*6	3000	180-220	2300	150-180	Grease or oil bath
AF1BZY-3.5	32	660*6	3500	180-220	2850	150-180	Grease or oil bath
AF1BZY-4.0	36	660*6	4000	180-220	3100	180-220	Grease or oil bath

FARM EQUIRMENTS : AF1BZZ HYDRAULIC PRESSURE OFFSET HEAVY DISC HARROW



Model No.	Nr. of discs	Size of disc (mm)	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)	Total Size (mm)
AF1BZZ-16	16	760X8	2800	200-280	3600	150-180	7800X3500X1300
AF1BZZ-20	20	760X8	3400	200-280	3920	180-200	7900X4100X1300
AF1BZZ-24	24	760X8	4000	200-280	4420	200-240	8200X5000X1300
AF1BZZX-20	20	810X10	3300	200-300	4250	180-220	7900X4100X1300
AF1BZZX-24	24	810X10	3900	200-300	4800	200-300	8200X5000X1300
AF1BZZX-28	28	810X10	4500	200-300	5300	200-300	8500X5900X1300
AF1BZZX-32	32	810X12	5000	200-300	9600	350-500	8800X6800X1300



FARM EQUIRMENTS : AF1BZD HYDRAULIC PRESSURE PAIR SETTING HEAVY DUTY DISC HARROW

Model No.	Nr. of discs	Size of disc (mm)	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF1BZD-2.7	24	660	2700	200-220	2100	100-120
AF1BZD-3.2	28	660	3200	200-220	2500	100-120
AF1BZD-3.5	32	660	3500	200-220	3000	120-150

FARM EQUIRMENTS : AF1BZD HYDRAULIC HEAVY DUTY HARROW



Model No.	Nr. of discs	Size of disc (mm)	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF1BZD-6.5	64	660	6500	180-220	7000	300
AF1BZD-7.5	72	660	7500	180-220	7200	350
AF1BZD-8.5	80	660	8500	180-220	7500	400
AF1BZD-9.0	84	660	9000	180-220	7650	400
AF1BZD-9.5	88	660	9500	180-220	8300	500

FARM EQUIRMENTS : AF1BQD HYDRAULIC HEAVY DUTY HARROW



Model No.	Nr. of discs	Size of disc (mm)	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF1BQD-7.2	84	450	7200	100-150	2917	120-150



Model No.	Nr. of tine	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF3ZT-5	5	1200	200-250	200	30-40
AF3ZT-7	7	1500	200-250	255	50-65
AF3ZT-9	9	2100	200-250	315	60-80
AF3ZT-11	11	2850	200-250	370	60-80
AF3ZT-15	15	3000	200-250	520	80-110



Model No.	Nr. of tine	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)	Overall size (mm)
AF3ZTZ-5	5	2000	200-400	750	100-125	2200X2400X1350
AF3ZTZ-7	7	3000	200-400	950	130-150	3400X2400X1350
AF3ZTZ-9	9	4000	200-400	1150	160-180	4400X2400X1350

FARM EQUIRMENTS : AF1LHST SPRING SUBSOILER PLOW



Model No.	Nr. of tine	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)	Overall size (mm)	Nr. of wheels
AF1LHST-5-2	5	2000	300-500	1146	80-100	3000X3000X1350	2
AF1LHST-7-2	7	3000	300-500	1467	100-120	4000X3000X1350	2
AF1LHST-9-2	9	4000	300-500	1856	140-160	5000X3000X1350	2
AF1LHST-11-2	9	5000	300-500	2186	160-200	6000X3000X1350	2
AF1LHST-11-4	11	5000	300-500	2300	160-200	6000X3000X1350	4
AF1LHST-13	13	6000	300-500	2710	200-240	7000X3000X1350	4

This dozer rake allows you to clear land without stripping the top soil. This sturdy rake penetrates deep in the earth, and effortlessly removes unwanted roots, limbs, and debris. This rake has tough NM400 Steel teeth, making it more durable than dozer rakes of a lesser quality steel. Moreover, this rake is fully gusseted between the teeth and features heavy walled square tubing.



Model No.	Nr. of tine	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF1LHS-5	5	1200	200-350	200	55-75
AF1LHS-7	7	1500	200-350	260	80-100
AF1LHS - 9	9	1800	200-350	350	110-150



Model No.	Nr. of tine	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF1LX-325	3	750	250-300	374	50-60
AF1LX-425	4	1000	250-300	480	70-90
AF1LX-525	5	1250	250-300	580	100-120
AF1LX-330	3	900	250-300	632	80-100
AF1LX-430	4	1200	250-300	736	120-140



Model No.	Nr. of ploughshare	Working width of ploughshare	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF1L-220	2	200	400	150-240	66	15-24
AF1L-320	3	200	600	150-240	118	25-35
AF1L-420	4	200	800	150-240	148	30-35

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FARM EQUIRMENTS : AF1GQN ROTAVATOR

Model No.	Nr. of ploughshare	Working width of ploughshare	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF1GQN-125	1250	Dry working: 100 —140 Water working 120 —160	540/720/1000	960×1456×1096	260	18-30
AF1GQN-140	1400		540/720/1000	960×1456×1096	270	30-40
AF1GQN-150	1500		540/720/1000	960×1456×1096	285	45-55
AF1GQN-160	1600		540/720/1000	960×1456×1096	380	50-60
AF1GQN-180	1800	Dry working: 140 —160 Water working 160 —180	540/720/1000	2100×1020×1150	400	60-80
AF1GQN-200	2000		540/720/1000	2300×1020×1150	410	70-90
AF1GQN-230	2300		540/720/1000	2650×1020×1150	428	80-100
AF1GQN-250	2500		540/720/1000	2850×1020×1150	450	60-80
AF1GQN-300	3000		540/720/1000	3350×1020×1150	480	60-80

FARM EQUIRMENTS : AF1K SERIES FURROWER (RIPPER FURROWER)



Model No.	Nr. of Coulter	Space of coulter (mm)	Working width (mm)	Working depth (mm)	Weight (kg)	Matched Tractor (hp)
AF1K-1	1	600-900 (Adjustable)	1000	300	100	20-30
AF1K-2	2	600-900 (Adjustable)	1800	300	190	30-50
AF1K-3	3	600-900 (Adjustable)	2700	300	280	50-70
AF1K-4	4	600-750 (Adjustable)	3700	300	370	80-120
AF1K-5	5	600-750 (Adjustable)	4700	300	450	120-180



Model No.	Capacity (L)	Spreading Width(m)	Net Weight(kg)	Tractor Required(hp)
AFCDR-400	260	10 - 16(Adjustable)	75	25-50
AFCDR-600	400	10 - 16(Adjustable)	85	25-50



Model No.	Capacity (L)	Spreading Width(m)	Net Weight(kg)	Tractor Required(hp)
AF2CDRX-800	800	16-24(Adjustable)	320	60-80
AF2CDRX-1100	1100	16-24 (Adjustable)	445	80-100
AF2CDRX-1400	1400	16-24 (Adjustable)	470	80-120

FARM EQUIRMENTS : AF3ZFZ CULTIVATOR WITH FERTILIZER DISTRIBUTOR



Model No.	Overallsize(LxWxH(mm)	Weight(kg)	Work width(mm)	Rows No. (row)	Row distance (mm)	Box capacity((L)	Matched Power(HP)	Efficiency (Mu/h)
AF3ZFZ-6	1800x4500x1750	920	4500	6	600-800	510	130-180	101.2
AF3ZFZ-8	1800x4500x1750	1300	6000	8	600-800	510	130-180	120.6



Model No.	No. of rows	Working depth (mm)	Working width (mm)	Working height(mm)	Matched power (hp)	Overall size (mm)	Weight(kg)
AF3ZF-4	4	100-150	2000	400-600	50-70	2190*900*1150	220
AF3ZF-6	6	100-150	2800	400-600	60-80	2800*900*1150	300
AF3ZF-8	8	100-150	3600	400-600	90-100	3600*900*1150	400



Model No.	Overallwidth (mm)	Overall length (mm)	Overallheight (mm)	Cutting width (mm)	Cutting length (mm)	Cutting weight (mm)	Linkage	Matched Power
AF9G-1.0	1200	1400	800	1000	100-300	260	3 point mounted	18-30
AF9G-1.5	1700	1900	900	1500	100-300	362	3 point mounted	25-55
AF9G-1.8	2000	2200	960	1800	100-300	442	3 point mounted	55-75
AF9G-2.1	2300	2500	960	2100	100-300	594	3 point mounted	70-100



Model No.	Overallwidth (mm)	Overall length (mm)	Overallheight (mm)	Cutting width (mm)	Cutting length (mm)	Cutting weight (mm)	Linkage	Matched Power
AF9GY-4.5	4700	4900	600	4500	100-300	2000	Traction	100-150



Model No.	Overallwidth (mm)	Overall length (mm)	Overallheight (mm)	Cutting width (mm)	Cutting height (mm)	Cutting weight (mm)	Linkage	Matched Power
AF9GD-1.5	1550	2300	850	1500	100-300	436	3 point mounted	30-70
AF9GD-1.8	1850	2500	850	1800	100-300	528	3 point mounted	70-100



Model No.	Cutting width(mm)	Cutting Height(mm)	Number of blade	Blade of Speed(r/min)	Product size(mm)	Weight(kg)	Matched Power
AF9GH-3.0	3000	40-140	4	810	2850*3300*1230	880	70 or above



Model No.	Size (mm)	Net Weight (kg)	Number of rows	Row space of harvest (m)	Matched Power (HP)	Working Speed (km/h)	Efficiency
AF4UM-2	2320*1616*1350	260	2	0.82-1.1	80-100	3-5	0.4-0.6

FARM EQUIRMENTS : AF2BXF WHEAT SEEDER



Opening share of seeding and fertilizing	Double-disc types
Depth of seeding	20-50mm(adjustable)
Fertilizing depth	60~80mm(adjustable)
Linkage	Three-point rear suspension
Fertilizer rate(kg/ Acre)	0-420(adjustable)

Model No.	Seeding Rows	Weight (kg)	Power required (Hp)	Rows spacing (mm)	Working efficiency (Acre/ hour)	Overall length (mm)	Overall weight (mm)	Overall height (mm)
AF2BXF-9	9	290	12-18hp	160	0.60-1.0	1630	1750	1100
AF2BXF-12	12	350	20-50hp	150	1.20-1.50	1630	2250	1100
AF2BXF-14	14	400	28-55hp	160	1.40-1.70	1630	2450	1100
AF2BXF-16	16	450	45-80hp	155	1.60-1.80	1630	2800	1100
AF2BXF-20	20	1200	70-120hp	150	4.0-7.5	1955	3486	1550
AF2BXF-24	24	1500	100-150hp	150	4.0-7.5	1955	3800	1550



Rows spacing (mm)	500-670(adjustable)
Plant spacing (mm)	80-300(adjustable)

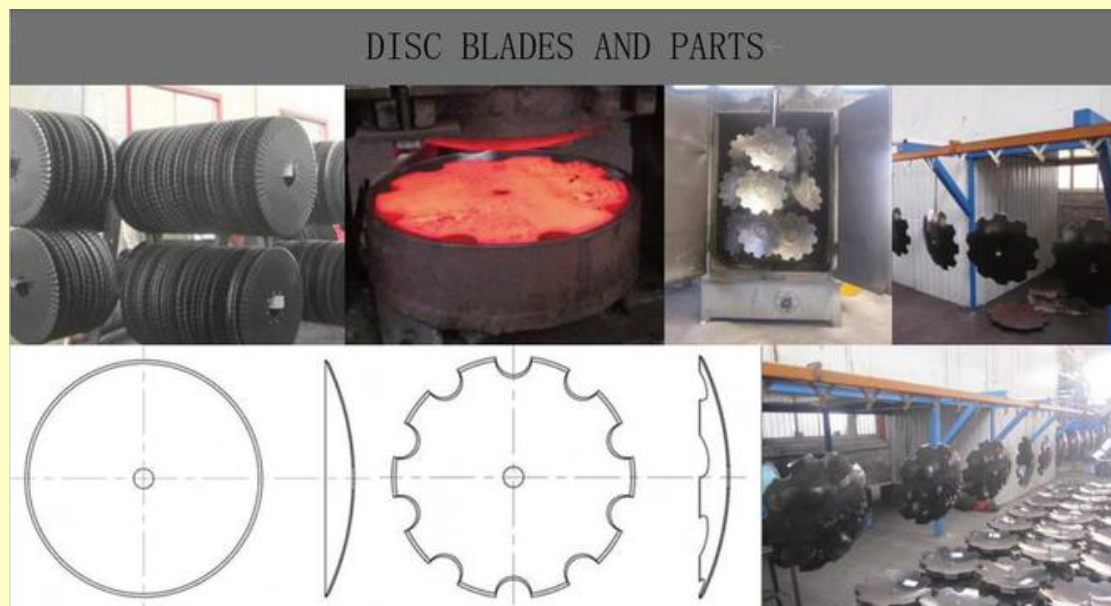
Model No.	Seeding and fertilizer rows	Overall size (cm)	Drilling width (mm)	Fertilization depth (mm)	Drilling depth (mm)	Seeding case capacity (kg)	Fertilizer case capacity (kg)	Working speed (km/h)	productivity ha/h	Weight (kg)	Matched power (hp)
AF2BY F-3	3	180*140*98	1500	60-80	30-50	24	75	5-8	0.5-0.7	200	25-45
AF2BY F-4	4	250*140*98	2100	60-80	30-50	32	100	5-8	0.5-0.8	260	50-70
AF2BY F-5	5	320*150*120	2800	60-80	30-50	40	125	5-8	0.67-1	320	60-80
AF2BY F-6	6	390*150*120	3500	60-80	30-50	48	150	5-8	5-1-1.2	380	80-120
AF2BY F-7	7	460*150*110	4200	60-80	30-50	56	175	5-8	1.2-1.6	480	100-120



Model No.	Capacity (L)	Boom Width(m)	No. of sprayers	Spray-head Spacing(mm)	Flow rate of the working speed(L/ min)	Matched Power(HP)
AF3W-400-6	400	6	12	500	80	30-40
AF3W-500-8	500	8	16	500	80	40-50
AF3W-800-12	800	12	24	500	120	55-75
AF3W-1000-12	1000	12	24	500	120	80-100
AF3W-1200-18	1200	18	36	500	150	120-150



Model No.	Matched power (hp)	Capacity(L)	Boom width (m)	No. of spray-head	Liquid pump rate (L/ min)	Net weight(kg)	Linkage	Overall dimension (mm)
AF3W-1500-18	55-120	1500	18	36	200	1100	Traction	3200*3500*2600
AF3W-2000-18	55-120	2000	18	36	200	1150	Traction	3600*3500*2600
AF3W-3000-21	70-120	3000	21	42	200	1290	Traction	4000*3500*2600



Diameter mm	Diameter inch	Thickness mm	Thickness inch	Weight plain kg	Weight plain LBS	Weight Notched kg	Weight Notched LBS
300	12"	3	1/8	1.6	3.5	1.1	2.4
330	13"	3	1/8	1.8	4	1.2	2.6
360	14"	3	1/8	2.3	4.9	1.9	4.1
410	16"	3	1/8	3.2	7	2.7	5.9

Continue on next page



FARM EQUIRMENTS : DISC BLADES AND PARTS

Diameter mm	Diameter inch	Thickness mm	Thickness inch	Weight plain kg	Weight plain LBS	Weight Notched kg	Weight Notched LBS
460	18"	3	1/8	4.3	9.5	3.8	5.10
460	18"	3.5	1/7	4.6	10.2	4.1	9
510	20"	3.5	1/7	5.8	12.7	5.6	11.5
8.4	20"	4	2/13	6.5	14.4	5.8	12.7
560	22"	4	2/13	8.1	18	7.5	16.5
560	22"	4.5	2/11	9	20	8.5	18.7
560	22"	5	1/5	9.5	21.6	9	19.8
560	22"	6	15/64	12	26.5	11	24.2
610	24"	5	1/5	11.3	25	10.5	23.1

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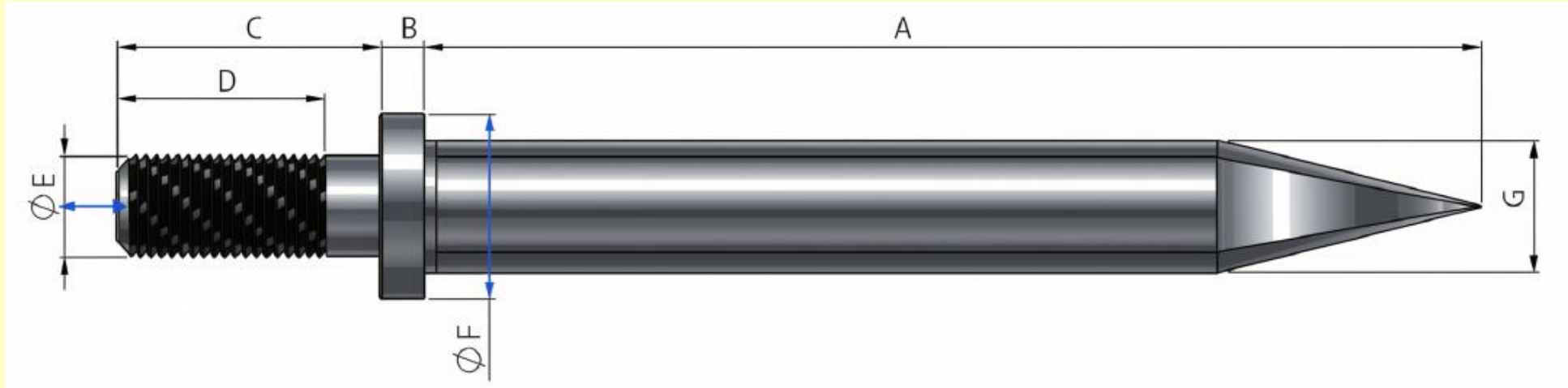
FARM EQUIRMENTS : DISC BLADES AND PARTS

Diameter mm	Diameter inch	Thickness mm	Thickness inch	Weight plain kg	Weight plain LBS	Weight Notched kg	Weight Notched LBS
610	24"	6	15/64	14.2	31.5	13	28.6
660	26"	5	1/5	14.1	31	13	28.6
660	26"	6	15/64	17	37.5	15.8	34.8
660	26"	7	9/32	20	43.5	18.5	40.7
660	26"	8	5/16	23	51	21	46
710	28"	6	15/64	20	44	18.5	40.7
710	28"	7	9/32	23	51	21	46
710	28"	8	5/16	26	57.2	24	51.2
760	24"	8	5/16	29	64	28	61.5
760	30"	10	3/8	35	77	33.5	73.7
810	32"	8	5/16	35	77	33	75
810	32"	10	3/8	43	95	40	68

Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	Lubricant
AFYT-100	235	158	139	76.5	162	φ20	42.5	φ40-55	Grease
AFYT-115	235	158	139	75	162	φ20	42.5	φ40-55	Grease
AFYT-120	230	135	135	84.5	163	φ25.5	44	φ40-60	Grease
AFYT-140	230	143	140	86	154	φ22	44	φ40-60	Grease
AFYT-155	232	178	158	84	155	φ22	42.5	φ40-55	Grease
AFYT-160	234	158	138	73	153	φ22	42	φ40-55	Grease
AFYT-165	234	158	138	72.5	150	φ22	41	φ40-55	Grease
AFZH-170	230	158	138	76	170	φ22	41	φ40-55	Grease
AFZH-QB-165	165	110	110	57	125	φ19	28		Grease
AFZH-QB-175	175	110	110	57	125	φ19	28		Grease
AFZH-QB-195	195	110	110	57	125	φ19	28		Grease
AFZH-225	225	162	140	68	155	φ26	32	φ30-45	Grease

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Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	Lubricant
AFZH-230	230	180	160	89.5	156	φ24*30		φ30-45	oil bath
AFZH-182	182	140	130	80.6	112	φ19*25		φ30-45	oil bath
AFZH-225A	225	140	130	80.6	112	φ19*25		φ30-45	oil bath
AFZH-225	225	180	160	93.6	148	φ24*30		φ40-55	oil bath
AFZH-262	262	180	160	93.6	148	φ24*30		φ40-55	oil bath
AFZH-364	364	20	180	108	230	φ26*35		φ50-65	oil bath



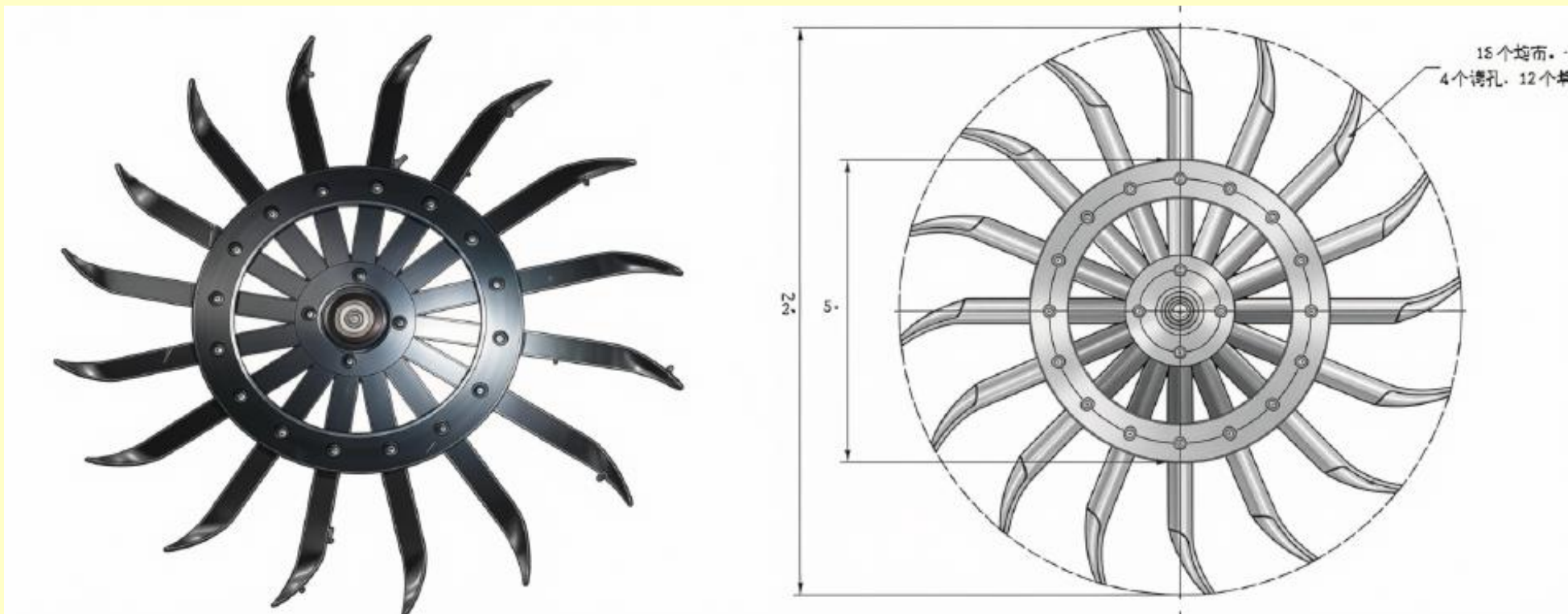
Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
AFSDYT-16	As need	8	As need	As need	M16	As need	□16
AFSDYT-19	As need	8	As need	As need	M19	As need	□19
AFSDYT-22	As need	8	As need	As need	M20	As need	□22
AFSDYT-25	As need	8	As need	As need	M24	As need	□25
AFSDYT-32	As need	8	As need	As need	M27	As need	□32
AFSDYT-40	As need	8	As need	As need	M30	As need	□40



Items	Length(mm)	Width(mm)	Thickness(mm)
305x63.5x25	305	63.5	25
337x57x25	337	57	25
311x50x25	311	50	25



Items	Length(mm)	Width(mm)	Thickness(mm)
419.4-20	788	76	12
430.4-02	700	76	12
410.10.03	720	76	12
409.0-02	470	76	12
9G1.0	300	60	10
9G1.5	500	60	10
9G1.8	60	60	12
9G1.0	300	60	10
260*90*4	260	60	4
260*90*5	260	90	5
260*90*6	260	90	6



Items	Diameter (m)
Wheel-1	500
Wheel-2	515
Wheel-3	540



Items	Length (m)	Width (m)	Thickness (m)	Material	Weight (kg)
460*50*16	460	50	16	60Si2Mn	3.4
400*60*16	400	60	16	60Si2Mn	3.4
300*60*12	300	60	12	60Si2Mn	1.8
200*40*6	200	40	6	60Si2Mn	0.45



Items	Length (m)	Width (m)	Thickness (m)	Material	Weight (kg)	Material
AFSDYT-C01	145	70	157	42		□11
AFSDYT-C02	148	112	280	73	50	□13
AFSDYT-C03	152	94	165	52	45	□13
AFSDYT-C04	185	85	183	63	45	□13
AFSDYT-C05	205	90	225	50	36	□13
AFSDYT-C06	240	105	270	68	45	□13

The potato planters researched and produced by STAR have the high complexity, high accuracy, high adaption and other advanced characteristics, and are able to complete a series of operations at one time, such as ditching, planting, ridging, fertilization and spraying. The company adopts advanced vibration and tensioning seeding unit technology, with a low seed leakage and repeated seeding rate and a high seeding accuracy for those planters. In the meantime, it uses precise planting unit and accurate control planting depths technologies to increase the adaption of products. Each performance index and quality index passes the verification by Shandong Provincial agricultural machinery test and verification and various products meet relevant quality standards and obtain an agricultural machinery promotion and verification certificate. The new model of potato planters are used to greatly facilitate the planting and production of potatoes, reduce labor strength increase, productivity ratio, and decrease production cost with its comprehensive benefit enhanced obviously.



AF2CMX-4Q POTATO PLANTER



AF2CMXQ-2



AF2CMX-1/2 POTATO PLANTER



AF5ZB-5B SEED MIXER



MIX POWDER / FARM CHEMICALS



AF5ZT-POTATO SEED CUTTER

**AF3WP-1500-21/24 MOUNTED
BOOM SPRAYER**



**AF3WP-3000-24 TRAILED BOOM
SPRAYER**



**AF3WP-21/120 FRONT-MOUNTED
SPRAYER**



FARM EQUIRMENTS: POTATO HAULM CUTTER

The potato haulm cutter is used to cut haulm before the harvest of potatoes, and able to complete the cutting, sorting and shunting operation of haulm at one time. Also, haulm are cut to return to fields for the purpose of increasing the organic contents of soil. The machine is in trifilar suspension type and can be mounted at the rear of tractor to operate independently, for the convenience of adjusting ridge spacing. The positions of long and short cutter in different ridge spacing are mainly adjusted by virtue of moving the positions of cutter and top bushing, effectively enlarge the adjustment scope of ridge spacing.



AF4JM-180



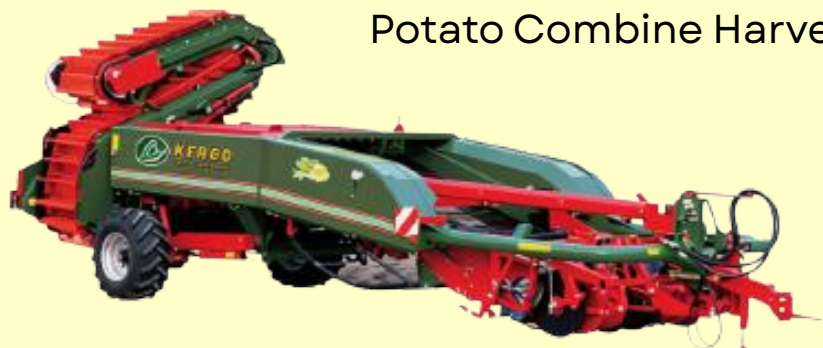
AF4JM-360B



The potato harvester is a machine to replace the manual digging and laying of potatoes. The potato planting areas in China are extensive and scattered. STAR as developed various specifications of potato harvesters according to different harvest needs of different place potato harvester produced by the company have the characteristics of low bruising rate and damage rate, high harvesting effeciency exposed rate. Ensure the harvest quality of potatoes and saving production cost.



Potato Combine Harvester



AF4UL-170Z



AF4UL-170C

Potato harvester with bagging



AF4UL-170D

Potato harvester



AF4UL-170E



AF4UQ-170A



AF4UX-170G

AF4UX-165/ 170A / 180B



AF4UX-160



**AF4UZ-100 (SELF-PROPELLED
POTATO DIGGER**



**AF4UX-100 / 100D / 120 POTATO
DIGGER**



AF5SY-8 TRAILER



AF5XF-80 RECEIVING HOPPER



**AF5XF-40
RECEIVING HOPPER**



**AF5SI-40 SINGLE-
LAYER CONVEYOR**



**AF5XF-60
RECEIVING HOPPER**



**AF5SI-40 DOUBLE-
LAYER CONVEYOR**



**AF5XW-40 HANDLING PLATFORM
(MESH SIEVE TYPE)**



AF5SZ-40 TROOPER



AF5SZ-60 TROOPER



**AF5SG-40 LOADING
CONVEYOR**



AF5SD-40 PILER



AF5SD-60 PILER



**AF5SZC-40 LOADING
CONVEYOR**



To meet the needs of our customers and dealers, we produce irrigation equipment of the highest quality and with the highest cost-effectiveness. In accordance with high standards of irrigation equipment. We use high-quality components from such companies as UMC, Komat, Schneider, American Eagle, Omron and Chaoyang. We design and manufacture custom irrigation equipment according to the specifics and needs of our clients.



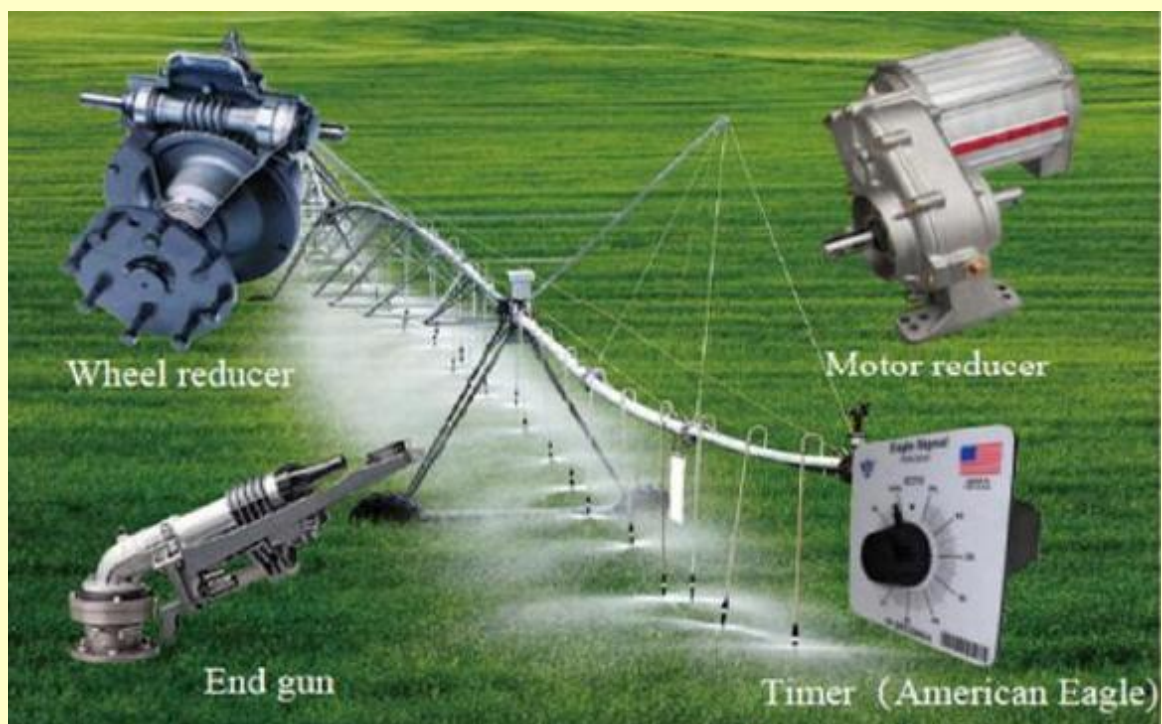
CENTER PIVOT IRRIGATION MACHINERY



FOUR-WHEEL LINEAR IRRIGATION MACHINERY



TWO-WHEEL LINEAR IRRIGATION MACHINERY

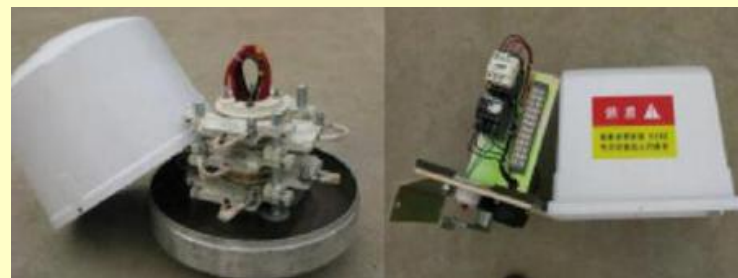




WATER PIPE



TIRES



COLLECTOR RING

TOWER



COUPLER

COUPLER



6 INCH (16CM)



Length	3.36m/11ft;3.17m/10.5 ftwhile transport
Width	1.39m/4.6 ft
Height	2.18m/7.15 ft
Weight	730kg/1610 lbs



FARM EQUIRMENTS: WOOD CHIPPER

MODEL : AFD160

Feeding		Chipping	
Hopper	1.24m/4.1 ftwide, foldablewith bracket	System	Diskwith open top
Throat(w*h)	30*16 cm/11.8*6.3 inch	Dia.	67cm/26.5 inch
Feeding	iFS no-stress system	Blade	2 reversible blades
Roller	Single on topwith teeth combi.	Anvil	Bottomand side anvils
Output		Trailer	
Output	360 degree rotatable	Speed limits	60mph/96 kmph
Deflector	90 degress deflectable		
Work spec.		Trailer	
Load	12-16 cbm/hour	Hydraulic oil tank	25L
Chips	5-15mm		
Power		Fuel	
Gasoline	35HP,V-twin engine	Fuel tank	25L
Diesel	Yanmar, 25hp,3 cylinders,water cooled	Fuel tank	25L



Length	2.74 m / 8.98 ft
Width	1.25m / 4.1ft
Height	1.75 m / 5.74 ft
Weight	383kg /844 lbs

FARM EQUIRMENTS: WOOD CHIPPER

MODEL : AFR130

Feeding		Chipping	
Hopper	Gravity feeding with panic bar	System	Drum with impeller on both side
Throat(w*h)	36*18.7cm / 14.2*7.4 inch	Blade	2 reversible blades
		Anvil	One reversible anvil

Cutting (mm)	130		
Output	360 degree rotatable		
Deflector	90 degress deflectable		

Power		Fuel	
Gasoline	23HP, V-twin engine	Fuel tank	12 L
Diesel	20hp,2 cylinders, air cooled	Fuel tank	6L

7 INCH (18CM)



Length	2370mm / 7.8 ft
Width	1400mm / 4.6 ft
Height	2000mm / 6.6 ft
Weight	612 kg / 1349 lbs



FARM EQUIRMENTS: WOOD CHIPPER

MODEL : AFR180 PTO

Output		Chipping	
Output	12-16 m ³ / hour	System	Drum with impeller on both side
Throat(w*h)	450mm x 370mm / 17.7 * 14.6 inch	Blade	2 reversible blades

Feeding	Single roller with Variteeth	Tractor hitch	
Hopper Width	1240mm / 48.8 inch		3-Point linkage Category 1
Hopper operate height	750mm / 29.5 inch	Power PTO	45hp + (70hp + for 7 inch)
		PTO	540 rpm
		Electrical System	12V

Safety Elements	Safety Bar, Emergency stop		
Accessories	Carden Shaft L = 900mm (6-6)		
Accessories Options	iFS control system / Category 2 coupler		



Length	1600mm / 5.25 ft
Width	1100mm / 3.6 ft
Height	1800mm / 5.9 ft
Weight	235 kg / 518 lbs

Continue on next page



FARM EQUIRMENTS: WOOD CHIPPER

MODEL : AFL 22

Impeller		Intake hose	
Diameter	400mm / 5.7 ft	Length	3.5m / 11.5 ft
Width	160mm / 6.3 ft	Diameter	220mm / 8.7 inch
Number of impellers	4 with precut		

Engine	Single roller with Variteeth	Accessories	
Power output	8.8 kW		Nozzle with wheels 220mm
Fuel take capacity	6L		Tailgate hang kit
Start	Electric		Connector



Length	1500mm / 4.92 ft
Width	765mm / 2.5 ft
Height	1720mm / 5.65 ft
Weight	220 kg / 485 lbs

FARM EQUIRMENTS: WOOD CHIPPER

MODEL : AFM 100 WD

Chip System		Hopper	
Type	Drum	Throat Size	510mm x 420mm / 20*16.5 inch
Width	300mm / 12 Inch	Timer	Included
Number of blades	2 reversible		2 reversible blades
Roller	Single on topwith teeth combi.		
Discharge	360 degrees rotatable	Power options	360 degrees rotatable
Self propell chassis	Speed FWD - 2 Stage	Option 1	Gasoline engine, single cylinder
	Stage 1 Max speed - 3km/h		Power output : 8.8 kW @ 3600 rpm
	Stage 2 Max speed - 6km/h		Fuel tank capacity : 6.5 L
	Rev Speed max - 5km/h	Option 2	Diesel engine, single cylinder
	90 minutes full speed work time		Power output : 7.7 kW @ 3600 rpm
	15 degree max climbing capacity		Fuel tank capacity : 6.0 L
Tyre	16 6.5 - 8 tubeless		



Length	1400mm / 4.6 ft
Width	800mm / 2.6 ft
Height	1650mm / 5.4 ft
Weight	185 kg / 107 lbs



FARM EQUIRMENTS: SEMI COMMERCIAL

MODEL : AFM 100

Chip System		Hopper	
Type	Drum	Throat Size	510mm x 420mm / 20*16.5 inch
Width	300mm / 12 Inch		
Number of blades	2 reversible		

Discharge	Lower discharging window	Power options	
	360 degree rotatable optional	Option 1	Gasoline engine, single cylinder
			Power output : 8.8 kW @ 3600 rpm
Chassis	3 Wheels		Fuel tank capacity : 6.5 L
		Option 2	Diesel engine, single cylinder
Output	4-6 m3 per hour		Power output : 7.7 kW @ 3600 rpm
Max Diameter	100mm / 4 inch		Fuel tank capacity : 6.0 L
Tyre	16 6.5 - 8 tubeless		



Length	1250mm / 4.1 ft
Width	780mm / 2.6 ft
Height	1500mm / 4.9 ft
Weight	180 kg



FARM EQUIRMENTS: SEMI COMMERCIAL

MODEL : AFM 100 PTO

Chip System		Hopper	
Type	Drum	Throat Size	510mm x 420mm / 20*16.5 inch
Width	300mm / 12 Inch		
Number of blades	2 reversible		
Discharge	Lower discharging window	Drive	
	360 degree rotatable optional	Power PTO	15-45 hp
		PTO	540 rpm
Output		Hitch System	3 point category 1
Max Diameter		Accessories	6-6 shaft



Length	2125mm / 6.97 ft
Width	695mm / 2.28 ft
Height	1200mm / 3.94 ft
Weight	150 kg / 330 lbs

Chip System		Hopper	
Type	Drum	Throat Size	520mm x 475mm / 20.5*18.7 inch
Width	210mm / 8.3 inch	Operate height	920mm / 36 inch
Number of blades	2 reversible		

Discharge	3 directions turnable	Engine	
Tyre	16" 4.5 - 8 tube		Gasoline engine, single cylinder
Chassis	ATW towable	Power Output	8.8 kW @3600 rpm
Output	3-5 m3 per hour	Fuel tank capacity	6.5 L
Max Diameter	100mm / 4 inch	Start	Electric optional



Length	1760mm / 5.8 ft
Width	600mm / 1.97 ft
Height	1100mm / 3.6 ft
Weight	85 kg / 187 lbs



FARM EQUIRMENTS: RESIDENTIAL

MODEL : AFM 60

Chip System		Hopper	
Type	Drum	Throat Size	520mm x 475mm / 20.5*18.7 inch
Width	210mm / 8.3 inch	Operate height	850mm / 33.5 inch
Number of blades	2 reversible		

Discharge	3 directions turnable	Engine	
Tyre	13" 5.0-6 solid		Gasoline engine, single cylinder
Chassis	ATV towable	Power Output	4.9 kW @ 3600 rpm
Output	3 m3 per hour	Fuel tank capacity	3.5 L
Max Diameter	80mm / 3 inch		



Length	1600mm / 63 ft
Width	500mm / 19.7 ft
Height	1050mm / 41.3 ft
Weight	55 kg / 120 lbs

Chip System		Hopper	
Type	Drum	Throat Size	395 x 330mm / 15.6*13 inch
Width	105mm / 4.1 inch	Operate height	750mm / 29.5 inch
Number of blades	2 reversible		
		Engine	
Tyre	10" 3.5-4 solid		Gasoline engine, single cylinder
		Power Output	4.4 kW @ 3600 rpm
Output	2-3 m3 per hour	Fuel tank capacity	3.1 L
Max Diameter	60mm		



DOUBLE PUMP DOUBLE VALVE

It adops double pump and double valve design, with larger flow rate.

MULTIPLE CHOICES

There are 2 options for vehicle width: 1050mm and 820mm, as well as tracked and wheeled.

FOUR-WHEEL DRIVE

l4 Wheel drive, more power and more flexible steering.

AUTOMATIC LEVELING

The bucket can be automatically leveled.

HIDDEN OIL CYLINDER

The hidden design of the boom cylinder makes the appearance more beautiful.

PARAMETER	METRIC	U.S.
Max working height	2479mm	97.59 inch
Max pin height	1926mm	75.82 inch
Max dumping height	1398mm	55.03 inch
Max dumping distance	100mm	3.94 inch
Max dumping angle	55°	53°
Rollback bucket on ground	32°	32°
Departure angle	18°	18°
Total height	1185mm	46.65 inch
Ground clearance	1100mm	43.30 inch
Wheel base	653mm	25.71 inch
Overall length without bucket	1552mm	61.1 inch
Total Width	990mm	38.97 inch
Bucket Width	1080mm	42.52 inch
Travel Speed	0-6 Km/h	3.73 mile/h

PARAMETER	METRIC	U.S.
Total length with bucket	1992mm	78.43 inch
Turn radius forward turning	1205mm	47.44 inch
Engine	Briggs stration	
Rated Power (kW)	10kW (13.5 Hp)	13.5 Hp
Rotating Speed (rpm)	3600	
Noise (Db)	<_95	
Pressure (Mpa)	17	
Raise	4	
Dump	1.3	
Lower	3.2	
Operating Load	260kg	573.2 Lb
Bucket capacity	0.08m ³	3ft ³
Max lifting force	300kg	66.39 Lb
Operating Weight	100Kg	2204.62 Lb



ENGINE

Using a top brand high-power EPA engine, lower fuel consumption brings more powerful power output

HYDRAULIC SYSTEM

Equipped with high-end brand hydraulic main pump, main valve, rotary motor and traveling motor., ensuring the high reliability of the hydraulic system.

OPERATION PANEL

Mini skid steers features intuitive levers, buttons and contro; panels that allow operators to effortlessly learn to operate the machine.

MATERIAL

The chassis of a mini skid steer loader is usually made og steel or cast iron for excellent strength and stability.

FARM EQUIRMENTS: SKID STEER LOADER

AFYF480

PARAMETER	METRIC	U.S.
Max working height	2474mm	97.4 inch
Max pin height	1977mm	77.83 inch
Max dumping height	1275mm	50.2 inch
Max dumping distance	175mm	6.89 inch
Max dumping angle	70°	70°
Rollback bucket on ground	25°	25°
Departure angle	23°	23°
Total height	1300mm	51.18 inch
Ground clearance	120mm	4.72 inch
Wheel base	890mm	33.04 inch
Overall length without bucket	1767mm	69.57 inch
Total Width	1030mm	40.55 inch
Bucket Width	1070mm	42.15 inch
Travel Speed	0-4.5km/h	2.8 mile/h

PARAMETER	METRIC	U.S.
Total length with bucket	2319mm	91.3inch
Turn radius forward turning	1440mm	56.69 inch
Overall length without bucket after folding	1633mm	64.29 inch
Rated Power (kW)	18.2kW (23HP)	
Rotating Speed (rpm)	3600	
Noise (Db)	95	
Pressure (Mpa)	17	
Raise	4	
Dump	1.3	
Operating Load	390Kg	859.8 Lb
Bucket capacity	0.13m³	4.59ft³
Max lifting force	450Kg	992Lb
Operating Weight	960Kg	2116 Lb



PARAMETER	JC30
Operating Load (kg)	300
Max Speed (km/h)	9
Rated flux (L/min)	50
High flow flux (L/min)	/
Tire (track) model	23*8.5-15



PARAMETER	JC30
Rated Power (kW)	18.4
Fuel tank capacity (L)	25
Self weight bucket (kg)	1500
Bucket capacity (kg)	0.2

PARAMETER	JC30
Overall operating height (mm)	3590
Height to bucket hinge pin (mm)	2650
Height to top of cab (mm)	2050
Height to bottom of level bucket (mm)	2470
Without bucket length (mm)	2430
Overall length with bucket (mm)	3170
Dumping angle at max (0)	40°
Without bucket length (mm)	2430
Front turning radius without bucket (mm)	971
Front turning radius (mm)	1681
Rear turning radius (mm)	1371
Rear axle to bumper (mm)	940

PARAMETER	JC30
Dumping Height (mm)	1920
Dumping reach (mm)	720
Rollback of bucket on ground(*)	30°
Rollback of bucket at full height	104
Wheelbase (mm)	801
Ground clearance (mm)	180
Angle of departure	20°
Tread width (mm)	882
Width (mm)	1110
Bucket width (mm)	1150



Intergrated circuit controller, one-button emergency stop, safer.

Steel push rod motor, more reliable. The coil of the walking motor is thicker, the power is increased, and it is more stable. 24V40A “Chaowei” enhanced battery, longer working hours. Spiral mulchers, made of baron steel, can adapt to high, dense and strong mowing enviroments, and are more efficient.

PARAMETER	METRIC
Overall size	930*900*640
Package size	990*990*810
Total Weight	150kg
Package weight	186kg
Cutting width	500mm
Cutting height	20-150mm
Walking Speed	4km/h
Voltage Power	24V40A
Climbing	45°
Cutter adjustment	Remote lift
Power	9.5 Hp
Fuel tank capacity	1.2L
Fuel consumption	1.2L/H
Oil capacity	0.6L
Mowing efficiency	1500m²/h



FARM EQUIRMENTS: LAWN MOWER AFLM500A



Continue on next page

PARAMETER	METRIC
Overall size	900*930*520
Package size	950*980*670
Total Weight	140kg
Package weight	170kg
Cutting width	500mm
Cutting height	20-150mm
Lifting method	Manual (remote control)
Walking Speed	4km/h
Voltage Power	24V24AH
Start Mode	Remote control start and stop
Climbing	45°
Self-generating system	
Intergrated circuit controller	
Standard Power	RV225 Euro 5
Fuel tank capacity	1.2L



PARAMETER	METRIC
Fuel consumption	1.2L/h
Oil capacity	0.6L



Install the starter battery. Remote start, remote stop, wireless integrated control system. One-button emergency stop, safer, steel push rod motor, more reliable.

The coil of the walking motor is thickened, the power is increased, and it is more stable, the 24V40A “Chaowei” enhanced double battery makes the working time longer.

Spiral lawn mower, made of baron steel, suitable for high-density and strong mowing environment, with higher efficiency.

Crawler walking, suitable for harsh and uneven terrain, strong climbing ability, applicable environment: orchards, parks, gardens, road maintenance, villa gardens, pioneering, etc.

PARAMETER	METRIC
Machine size	1100*1240*660
Package size	1150*1290*840
Machine weight	255kg
Packing weight	310kg
Cutting width	800mm
Cutting height	20-150mm
Walking Speed	5km/h
Climbing	45°
Cutter adjustment	Remote lift
Power	16HP
Fuel tank capacity	7.1L
Oil capacity	1.2L
Mowing efficiency	3800m2/h





A single opertor's productivity with the LM800 PRO can be compared to the productivity of 10+ operators with the mower.

MAIN FEATURES;

- Power supply: Equipped with a powerful Loncin twin-cylinder 26-horsepower engine, it can cut small strips and shrubs up to 30mm in diameter.
- Excellent slope mowing capability: Effectively and quickly mows grass on slopes up to 50 degrees.
- Passability : The unique shape and structure enable the Black Shark to penetrate hard-to-reach places.
- High-performance, high-power motors : 2 powerful high-torque traveling motors ensure strong driving force even absorption system to ensure stable operation on any road surface.
- Comes with 4 eyebolts for secure anchoring and lifting.
- 3 sets of high-efficiency cooling systems.
- Emergency stop : If the machine loses the radio control signal, the machine will stop immediately. There is also an emergency stop button on the fuselage. when you stop using these emergency buttons, you will need to repeat the startup procedure to get back to work.
- Double rows of support rollers, crawler walking, high-intensity mowing, suitable for harsh and uneven terrain, and strong climbing ability.

Continue on next page

FARM EQUIRMENTS: LAWN MOWER

AFLM800 PRO

PARAMETER	METRIC
Engine type	25hp gasoline engine 764cc- V-twin cylinder
Starting system	Electric startup and remote startup
Walking Speed	0-8km/h
Cutting system	Flying Blades
Cutting width	80cm
Max Slope	50 degrees
Machine weight	330kg
Size	1300*1160*700m m



CONSTRUCTION AND FENCING : BUILDING CONCEPTS

AFGRO-design, supply and construct various steel construction units through our subsidiary (PREFABSA), these include : Warehouse (storage areas), workshops, chicken units, hydro/aquaponics, abattoirs, housing, schools and clinics and other prefabricated buildings and alternative power solutions.

1. Warehouses



2. Workshops (with overhead crane)



1. Housing units



Worker Houses



5. Schools and Clinics



4. Chicken Units



6. Hydro / Aqua - ponics



AFGRO fencing and animal handling division will do a turn-key solution for the farmer, and will trailer the fences and kraal to the individuals needs.

Electric fencing



**Clear View - fence / security
fence and gates**



Cattle handling facilities



CONSTRUCTION AND FENCING : SOLAR POWER AND LIGHTING

AFGRO has a solar division that do solar power, solar lighting as well as solar CCTV systems.

Solar power



Solar Lighting



