



DEWU

Every Product Reflects Image of China Brand

Agricultural Machinery

2022

Heilongjiang DEWO Technology Development Co., Ltd.

COMPANY INTRO

Heilongjiang DEWO Technology Development Co., Ltd. (DEWO Group) established on August 19, 2009 with a registered capital of 50 million Yuan. It is a modern technology enterprise group specializing in building high-end intelligent agricultural machinery and implement. With 4 sub-company including "North Valley Agriculture" and "Precision Sowing Technology", products from potato plant/harvest machinery, vegetable planter, seeding machinery, soil preparation machinery, sprayers, Hay-tools, irrigation system, fertilizing machinery, precision agriculture, intelligent agricultural machinery, plant protection drones and agricultural social services etc.

The group workshop equipped with complete machine tools for various production, processing and manufacturing. With over 400 employees, including more than 50 professional and technical staff. The research and development covers 20 directions in nine major fields, with authorized patents 117 patents, including 15 invention patents. Hosted or participated in more than 30 major national and local scientific research and industrialization projects.

In July 2015, Dewo Technology listed in Harbin Equity Exchange Center (enterprise code: 880008). The company rewarded as a series naming...national high-tech enterprise, a national "specialized, refined and new" small giant enterprise, a pilot enterprise with patent advantages in Heilongjiang Province, the chairman unit of the Heilongjiang Agricultural Machinery Equipment Industry Alliance, and a demonstration and demonstration of water-saving irrigation technology and equipment of the Ministry of Science and Technology of the People's Republic of China. Promoted technology support unit, support unit of Heilongjiang Economic Crop Machinery Equipment Engineering Technology Research Center, vice chairman unit of China Agricultural Mechanization Association Conservation Tillage Professional Committee, vice chairman unit of China Vegetable Association Mechanization Branch, Heilongjiang Province Smart Irrigation Water and Fertilizer Integration Vice-chairman unit of Industrial Innovation Alliance, member unit of China Agricultural Machinery Circulation Association, member unit of potato industry technology innovation strategic alliance, member unit of national straw industry technology innovation strategic alliance, has passed intellectual property certification, ISO9000 quality management system certification, environmental management system Certification and occupational health and safety management system certification.

The group focuses on "integrating resources and building platforms, deliver a number of profit support points with intelligent, informatization and automation products, following General Development Strategy covering the whole process of mechanization of major crops and agricultural socialization services, and building a modern agriculture with intelligent farm commanding system".

Based on core values of "innovation, quality, integrity, and teamwork", adhere to "build a platform for everyone including customers, employees, shareholders and even business partners to realize their dreams, build tens of billions of DEWO and a century of DEWO, and strive to become the company's vision of the World's Top Agricultural Machinery Manufacturer", with the mission of "Focusing on Global Agricultural Market, DEWO makes farming more easier". To provide whole-process mechanization solutions for agriculture, deliver profits for farmers, to serve modern agricultural builder with high-quality products, and to make DEWO An Well-Known Brand in the world.



Tillage Machinery

1LFT Series Hydro-Reverse Plough



The plough designed for black sticky, sand soil and even soil with stone with double sides working plough function. Resulted in flat and evenly prepared soil without furrow and ridge as well as operation in hillside field and gradually reduce the hillside tilt angle, No straw and stubble on surface, beneficial to subsequent seedbed and sowing operations.

Model	1LFT-450	1LFT-460A	1LFT-550	1LFT-560
Structure Type	Mounted Type			
Spare Adjustment	Hydraulic Type			
Reverse mechanism type	Hydraulic Type			
Height of Spade (mm)	1850	1960	1850	1960
Min PTD (kw)	132.5-162	139-190	154.4-200	162-235
Plough width (mm)	330, 380, 440, 500	390, 450, 530, 600	330, 380, 440, 500	390, 450, 530, 600
No. of Plough	4x2		5x2	
Type of Plough wall	Grid type		Grid type	
Total operation width (mm)	1320-2000	1560-2400	1650-2500	1950-3000
Distance between spade (mm)	1000	1200	1000	1200
Support wheel type	Integrated wheel for depth limit & transportation			
Beam spec (mm)	150x150x10			
Max. depth (mm)	40			
Operation dimension LxWxH (mm)	4600x2300x1850	5200x2400x1960	5500x2800x1850	6300x3000x1960
Weight (kg)	1515	1635	2020	2170

Feature:

- ◆ Plough beam made of special high-strength alloy steel processed by excellent heat treatment process, with high strength, good rigidity and high impact resistance.
- ◆ Key components made of high-strength alloy steel, processed by advanced heat treatment process, and the material has high-strength hardness and toughness.
- ◆ Unique grid-type moldboard structure with strong impact resistance, wide soil adaptability, effectively avoiding clogging by straw, mulch and other debris, less resistance, long service life, so economic in fuel consumption of tractor.
- ◆ The reverse hydraulic device is a double-acting steering cylinder, equipped with a control valve and lock from Italy, which is accurate, flexible and reliable in turning and amplitude modulation.
- ◆ Automatic adjusted main plough with overload shearing bolts to prevent damage of plough body; the auxiliary plough can be flexibly adjusted according to different operating conditions, simple and convenient remove and connection.
- ◆ Plough support wheel with depth-limiting for transportation as well, convenient and quickly change the working status to transportation.

Planting Machinery

2BMQ-2A Trailed No-Till Planter



No-tillage seeding is the key link of conservation tillage. 2BMQ series trailed high-performance no-tillage precision planters complete flat cropping, ridge cropping, wide and narrow row cropping and conventional sowing operations under the condition of full corn stalk coverage. The machine accomplished processes of deep side fertilization, seed bed straw cleaning, pile up seed bed, single seed sowing, fertilizer application, soil covering, suppression and other processes in one time.



Feature:

- ◆ Large tanks of seed and fertilizer enable long time planting operation.
- ◆ Trailed type design for economic power requirement, wide range of power adaptability.
- ◆ Hydro control wheel up and down, quick switch of transportation and operation.
- ◆ Quality seed metering device for high precision seeding, fast and stable.
- ◆ Copying mechanism: Reinforced parallel four-rod synchronous copying mechanism ensuring the stable structure and the consistency of sowing depth; the four-rod tension spring pulled either forward or reversely, that balanced the pressure of seeding element on the ground, suitable for a variety of complex land conditions such as uncultivated and cultivated field.
- ◆ Drive mechanism: The 2-side synchronous drive installed on the top, effectively prevent straw and dust from entering the drive system and keep smooth operation.
- ◆ Cleaning system functioned on cutting, cleaning and crushing soil, complete coverage of straw; Connecting holder adjusts for stubble height, suitable for various field.
- ◆ Fertilizer mechanism: Standard mechanical fertilization device with stable performance. Realize one-time seeding and fertilizing, simplify the working process.
- ◆ Stable monitoring & alarming system on clogged and short of fertilizer, missing sowing and seeding counting etc.

Planting Machinery

2BMQ-4A Trailed No-Till Planter



model	2BMQ-2A	2BMQ-4A
Suitable for	No-Till or Till	No-Till or Till
Min. PTO (kw/hp)	36.8-51.5/50-70	51.3-88.3/70-120
No.of row	2	4
Row-spacing (mm)	400-700	400-700
Connection type (mm)	Trailed	Trailed
Best operation speed range (km/h)	6-8	6-8
Operation efficiency (ha/h)	0.6-1.0	1.2-2.0
Max. weight (kg)	1659	2916
Transmission type	Upper chain drive	Upper chain drive
Seed metering device type	Clamping	Clamping
Planting distance range (cm)	7-41(15 PR)	7-41(15 PR)
Sowing Ditch opener type	Double disc	Double disc
Fertilizer discharge device type	Pulley	Pulley
Discharging Ditch opener type	Notched Disc/Single Disc/Dual Disc/Spade	Notched Disc/Single Disc/Dual Disc/Spade
Fertilizer discharging range (kg/ha)	200-1680(Adjusted sprocket and fertilizer box)	200-1680(Adjusted sprocket and fertilizer box)
Weeds wheel type	Dual gear	Dual gear
Subsoil, stubble breaker type	Corrugated disc	Corrugated disc
Copying wheel type	Double rubber roller	Double rubber roller
Seeding depth range (mm)	5-75(12 PR)	5-75(12PR)
Covering suppression type	V-shaped opposed narrow rubber wheels	V-shaped opposed narrow rubber wheels
Seed tank capacity (L)	76(Seed 57kg)	152(Seed 114kg)
Base fertilizer tank capacity (L)	360(Base fertilizer 360 kg)	720(Base fertilizer 720 kg)
Fertilizer tank capacity (L)	42 (Fertilizer 42 kg)	82(Base fertilizer 82kg)
Monitor function	monitoring & alarming system on clogged and short of fertilizer, missing sowing and seeding counting	
Dimension (mm) (LxWxH)	3300×2000×1800	3300×3600×1800
Weight (kg)	1200	2000

Planting Machinery

2BMQ-5 No-Till Planter



No-tillage seeding is the key link of conservation tillage. 2BMQ series trailed high-performance no-tillage precision planters complete flat cropping, ridge cropping, wide and narrow row cropping and conventional sowing operations under the condition of full corn stalk coverage. The machine accomplished processes of deep side fertilization, seed bed straw cleaning, pile up seed bed, single seed sowing, fertilizer application, soil covering, suppression and other processes in one time.



Feature:

- ◆ Large tanks of seed and fertilizer enable long time planting operation.
- ◆ Trailed type design for economic power requirement, wide range of power adaptability.
- ◆ Hydro control wheel up and down, quick switch of transportation and operation.
- ◆ Quality seed metering device for high precision seeding, fast and stable.
- ◆ Copying mechanism: Reinforced parallel four-rod synchronous copying mechanism ensuring the stable structure and the consistency of sowing depth; the four-rod tension spring pulled either forward or reversely, that balanced the pressure of seeding element on the ground, suitable for a variety of complex land conditions such as uncultivated and cultivated field.
- ◆ Drive mechanism: The 2-side synchronous drive installed on the top, effectively prevent straw and dust from entering the drive system and keep smooth operation.
- ◆ Cleaning system functioned on cutting, cleaning and crushing soil, complete coverage of straw; Connecting holder adjusts for stubble height, suitable for various field.
- ◆ Fertilizer mechanism: Standard mechanical fertilization device with stable performance. Realize one-time seeding and fertilizing, simplify the working process.
- ◆ Stable monitoring & alarming system on clogged and short of fertilizer, missing sowing and seeding counting etc.

Planting Machinery

2BMQ-6 No-Till Planter



model	2BMQ-5	2BMQ-6
Suitable for	No-Till or Till	No-Till or Till
Min. PTO (kw/hp)	48-118/65-160	59-118/80-160
No. of row	5	6
Row-spacing (mm)	400~700	400~700
Connection type (mm)	Trailed	Trailed
Best operation speed range (km/h)	6~8	6~8
Operation efficiency (ha/h)	1.5-2.5	1.8-3
Max. weight (kg)	3265	3516
Transmission type	Upper chain drive	Upper chain drive
Seed metering device type	Clamping	Clamping
Planting distance range (cm)	7~41(15 PR)	7~41(15 PR)
Sowing Ditch opener type	Double disc	Double disc
Fertilizer discharge device type	Pulley	Pulley
Discharging Ditch opener type	Notched Disc/Single Disc/Dual Disc/Spade	Notched Disc/Single Disc/Dual Disc/Spade
Fertilizer discharging range (kg/ha)	200~1680(Adjusted sprocket and fertilizer box)	200~1680(Adjusted sprocket and fertilizer box)
Weeds wheel type	Dual gear	Dual gear
Subsoil, stubble breaker type	Corrugated disc	Corrugated disc
Copying wheel type	Double rubber roller	Double rubber roller
Seeding depth range (mm)	5~75(12 PR)	5~75(12 PR)
Covering suppression type	V-shaped opposed narrow rubber wheels	V-shaped opposed narrow rubber wheels
Seed tank capacity (L)	190(Seed 140kg)	228(Seed 170 kg)
Base fertilizer tank capacity (L)	720(Base fertilizer 720 kg)	720(Base fertilizer 720 kg)
Fertilizer tank capacity (L)	105 (Fertilizer 105 kg)	126 (Fertilizer 126 kg)
Monitor function	monitoring & alarming system on clogged and short of fertilizer, missing sowing and seeding counting	
Dimension (mm) (LxWxH)	4100×5000×2560	4100×5000×2560
Weight (kg)	2300	2500

Harvesting Machinery

9YG Series Square Baler



Feature:

- ◆ Hand-held color touch screen, stable and reliable operation, with high-precision sensor for accurate control of bale's weight.
- ◆ Monitor, Touch screen easier data access & quick changing in manual and automatic mode.
- ◆ Cost control – High precision sensor, economy wised wrapping.
- ◆ Self lubrication system, smooth chain drive, extended operation & life time.
- ◆ Hydro-controlled chamber bottom with floating capacity, automatically matching material flow, timely alarms in blockage of other objects, convenient for cleaning and maintenance.
- ◆ Heavy-duty roller with optional 17 kinds alloy knives for various cutting length.
- ◆ Quality components, Stable structure, High performance, Uptime in field.

Model	9YG-1900	9YG-2300D
Min. PTO (kw)	≥58.8	≥88.2
Pick up width (mm)	1960	2300
PTO speed (r/min)	540	540
Baling roller speed (r/min)	184	184
No. of baling roller	18	18
Bale size (mm)	Ø1250x1230	Ø1250x1230
Bale weight (kg)	250	250
Dimension (mm)	4850x2800x2350	4850x3150x2350
Weight (kg)	3750	3900

Harvesting Machinery

9YG Series Round Baler



Feature:

- ◆ Crushing roller length 2220 mm for smooth pick-up with high efficiency and nice crushing.
- ◆ Pressure air stream with discharge mechanism for even material feeding without leakage.
- ◆ Helical placed hammer claws with high efficiency in material picking up.
- ◆ Hand-held color touch screen, stable and reliable operation, with high-precision sensor for accurate control of bale's weight.
- ◆ Monitor, Touch screen easier data access & quick changing in manual and automatic mode.
- ◆ Cost control – High precision sensor, economy wised wrapping.
- ◆ Self lubrication system, smooth chain drive, extended operation & life time.
- ◆ Hydro-controlled chamber bottom with floating capacity, automatically matching material flow, timely alarms in blockage of other objects, convenient for cleaning and maintenance.
- ◆ Quality components, Stable structure, High performance, Uptime in field.

Model	9YG-2220Q
Min. PTO (kw)	≥110
Pick up width (mm)	2220
PTO speed (r/min)	720
Baling roller speed (r/min)	184
No. of Baling roller	18
Bale size (mm)	Φ1250x1230
Bale weight (Kg)	250
Pick up type	Hammer claw
Bale wrapping type	Web
Dimension (mm)	4490x2785x2350
Weight (kg)	4150

Harvesting Machinery

9Y Series Square Baler



Feature:

- ◆ Trailed connection with tractor for stable driving , flexible turning, fits for working on small and irregular plots.
- ◆ Quality knotter for stable operation with higher bundling rate, over 98%, reaching the international standard.
- ◆ Quality components, Stable structure, High performance, Uptime in field.
- ◆ Large diameter pick-up auger with spring tines for smoothing & completing material moving in large & uneven windrow.
- ◆ High-resolution monitoring and lighting system provide clear view to driver on machine running status as well as timely adjustment.

model	9Y-1900/9Y-1970	9Y-2200/9Y-2230
Min. PTO (kw/hp)	≥30/40	≥30/40
Pick up width (mm)	1930/1970	2210/2230
PTO speed (r/min)	540	540
Bale size (mm)	360x460x(300~1300)	360x460x(300~1300)
Knottter type	Imported	Imported
Baling rate (%)	≥98	≥98
Productivity (t/h)	3~6	3~6
Dimension (mm)	5600x2550x1730	5600x2870x1730
Weight (kg)	1720	1750

Planting Machinery

2CMZ-4 Potato Planter with fertilizer system



The 2CMZ series planters designed by DEWO Group with current field condition and agronomic conditions in mind, meet customers' need. Function combined with furrow opener, seeding, fertilizing and ridge building. Apply wide range of tractors, fits for most soil condition and the machines demonstrated its reliable performance and efficiency through large-scale production assessment and practical application in various regions.

model	2CMZ-2	2CMZ-4
Min. PTO (kw/hp)	≥73.5/100	≥102.9/140
No. of Row (row)	2	4
Operation speed (km/h)	4~6	3~5
Operation efficiency (hm ² /h)	0.4~0.7	1.0~1.6
Row-spacing (mm)	800/850/900	
Planting-distance range (mm)	155~509	
Seed tank capacity (kg)	140~1100	
Dimension (mm)	2980x3860x1800	
Weight (kg)	2335	

Feature:

- ◆ Unique fertilization elements with adjustable depth ridge-side fertilizing to separate seed and fertilizer , then keep germination rate.
- ◆ Unique seeding elements for various row spacing and planting distance adjustment, fits most field and need.
- ◆ Big capacity bunker with hydro-controlled up-down for convenient and quick operation. Bunker's tilt angle control align with tubers quantity for constant, stability, high-speed tubers supply, maximizing seeding performance.
- ◆ Stable motor vibration system output evenly agitation keeping seeding accuracy and low re-seed rate, suitable for different tubers.
- ◆ Vibration Alarming: Seeding action controls vibration motor's Start/Stop, alarm on in case of malfunction.
- ◆ The unique seed agitation module greatly reduces the phenomenon of seed churning and ensures continuous seed pick-up by the seed cup, eliminating manual seed pushing.
- ◆ With vibrating disc type ridge builder for good ridge shape and uniform mulching, enable better watering and nutrients absorbing.
- ◆ Centerline marker (4-row Standard) designed by 2-arm supported disk, more convenient and efficient vs. manual marking.
- ◆ Apply biological fertilizer separately.

Planting Machinery

2CM-4 Potato Planter



2CM-4 Potato planter is a simple but efficient machine, with accurate sowing, lower drop seed point, quick seeding, even sowing distance, stable and reliable, holding cup suitable for all kinds of tubers.

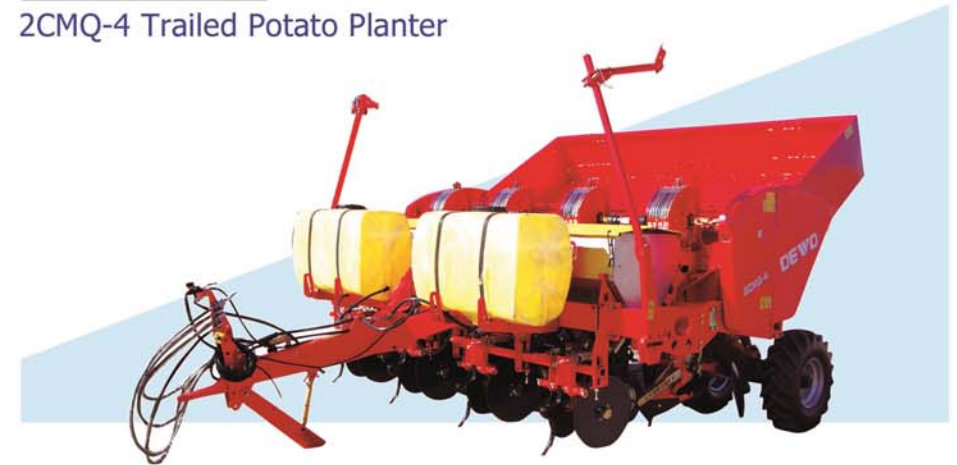
Features:

- ◆ Without fertilizing but with big bunker and fine cups cleaning device that maximizing seeding efficiency.
- ◆ Mechanical vibrated belt of seeding cup, rate change along with ground speed, eliminate re-seeding and keep high sowing performance.
- ◆ Unique furrow opener with copy roller design, each tuber falls into bottom of furrow with more even depth.
- ◆ Each seeding element works separately with smooth sowing by high quality cup and belt.
- ◆ Low-installed seeding element with low drop point enabling accurate planting distance and row-spacing.
- ◆ Top drive design improve sowing speed; low driver keeps quick tuber dropping.
- ◆ perfect in soil-covering; R1 driving wheel provide efficient traction.

Model	2CM-4
Min.PTO (kw/hp)	88.2/120~117.6/160
No. of Row	4
Operation speed (km/h)	4~6
Operation efficiency (hm ² /h)	1.2~1.8
Row-spacing (mm)	900
Planting-distance range (mm)	103~495
Dimension (mm)	2570×3840×1626
Weight (kg)	1600

Planting Machinery

2CMQ-4 Trailed Potato Planter



Features:

- ◆ One-time operation combined with furrow opener, seeding, fertilizing, chemical protection and ridge building.
- ◆ Large capacity bunker and fertilizer tank reduce re-fill cycle and improve operation efficiency.
- ◆ Auger propelled fertilizer convey structure with adjustable and accurate dropping rate.
- ◆ Both side of ridge dropping with adjustable drop depth for better fertilizing.
- ◆ Vibrated seeding belt picking up tuber make high sowing accuracy.
- ◆ Bunker bottom with mechanical shaking mechanism to eliminate manual tuber pushing, keeping constant seed supply then minimum missed sowing.
- ◆ With depth-limitation roller, each seeding element keeps same depth for evenly sowing.
- ◆ High quality key components keep stable and reliable operation then prolong lifetime.
- ◆ Trailed type seeder with low PTO, meet the need of customers.

Model	2CMQ-4
Min.PTO (kw/hp)	≥88.2/120
No. of Row	4
Operation speed (km/h)	3~5
Operation efficiency (hm ² /h)	1.0~1.56
Row-spacing (mm)	800/850/900
Planting-distance range (mm)	120~380
Fertilizer quantity (mm)	140~1100
Seed tank capacity (kg)	3000
Dimension (mm)	5750×3900×2000
Weight (kg)	3200

Cultivation Machinery

3ZF Cultivator - Fertilizer Dropper and large ridge builder



The machine use for cultivating potato crops, completing deep loosening, fertilization, soil covering and ridge forming in one time; another function of the machine is ridge-building on different plots.

Feature:

- ◆ The machine combines the design of cultivating agronomy, with advanced technology, strong applicability and wide versatility. With functions of cultivating, fertilizing and ridge building.
- ◆ With double-beam rectangular structure, high strength and stability. Compact, well designed the layout of components making convenient and quick set up and adjustment.
- ◆ Stainless steel fertilize tank for fertilize loading convenience and large capacity.
- ◆ With shovel-type furrow opening and subsoiling elements, low resistance, good furrow and subsoiling performance, regular furrow formed after operation, keep water and moisture in field.
- ◆ With unique ridge and soil covering elements for good ridge shape, evenly soil covering up, let root absorbs water and nutrients in the soil.
- ◆ Double augers drive in fertilize dropping, smooth, accurate and efficiency in fertilizing.
- ◆ Optional wide hoes and water dropping pipe available.
- ◆ For tilt ridges on hillside, optional suspension lateral movement device.

Model	3ZF-1.8	3ZF-3.6
Min. PTO (kw/hp)	≥58.8/80	≥88.2/120
No. of Row	2	4
Row-spacing (mm)	900	
Operation speed (km/h)	4~6	
Operation efficiency (hm ² /h)	0.5~1	1~2
Operation width (mm)	1800	3600
Row-spacing Ridge builder (mm)	900	900
Dimension (mm)	1650x2100x1600	3900x2000x1500
Weight (kg)	600	950

Cultivation Machinery

3WP Series Sprayer



Feature:

- ◆ Max. Main-tank capacity 1600L, high efficiency.
- ◆ The high-strength support arm with compact structure, light weight, more reliability and durability.
- ◆ With 50 ARAG anti-drift nozzles and bodies, good atomization effect and less chemical carryover.
- ◆ Adopting ARAG spray components and self-priming piston pump, high stability.
- ◆ Stainless steel hydraulic ball valve and orifice valve combine with anti-corrosion hydraulic valve for high stability.
- ◆ Fitting with filtration function for long life of hydro-valve and cylinder.
- ◆ Swing balanced suspension with dampers and tension springs for smoother spraying.
- ◆ With support for forklift, convenient for transportation.
- ◆ Optional variable spraying, electric control segment valve and pressure regulating valve, hanging spray and other upgrade devices.

Model	3WP-1500S
Connection type	Mounted Type
Min. PTO (kw)	≥88.3
Main tank capacity (L)	≥1500
Working span (m)	24
Pump model	Diaphragm pump AR250/AR215/UDORZETA230
Rated flow of pump (L/min)	250/215/230
Filtration stage	5
Recommend Working speed (km/h)	6~10
Working pressure (MPa)	0.3~0.5
Folding type	Vertical folding
Arm swing, up/down control	Hydro-control
Nozzle control system	5-spool with electric control
Tank material	Engineering plastics integral rotational molding
No. of Nozzle (group)	50
Balancing mechanism	Swing balanced suspension with dampers
Fixed dose spray	Optional
Arm copying	Optional
Hanging spray	Optional
Dimension (mm) (LxWxH)	2180×2315×2930
Weight (kg)	1440

Cultivation Machinery

3WPQ Series Sprayer



Feature:

- ◆ Max. Main-tank capacity 1600L, high efficiency.
- ◆ The high-strength support arm with compact structure, light weight, more reliability and durability.
- ◆ With 50 ARAG anti-drift nozzles and bodies, good atomization effect and less chemical carryover.
- ◆ Adopting ARAG spray components and self-priming piston pump, high stability.
- ◆ Stainless steel hydraulic ball valve and orifice valve combine with anti-corrosion hydraulic valve for high stability.
- ◆ Fitting with filtration function for long life of hydro-valve and cylinder.
- ◆ Swing balanced suspension with dampers and tension springs for smoother spraying.
- ◆ With support for forklift, convenient for transportation.
- ◆ Optional variable spraying, electric control segment valve and pressure regulating valve, hanging spray and other upgrade devices.

Model	3WPQ-3500
Connection type	Trailed
Min. PTO (kw)	≥88.3
Main tank capacity (L)	≥3500
Working span (m)	30
Pump model	Diaphragm pump AR25U/DOORZETA30AR215
Rated flow of pump (L/min)	250/230/215
Rated pressure of pump (MPa)	2
Filtration stage	5
Water tank capacity (L)	360
Recommand Working speed (km/h)	6-10
Working pressure (MPa)	0.3-0.5
Folding type	Vertical folding
Arm swing, up/down control	Hydro-control
Nozzle control system	7-spool with electric control
Tank material	Fiber glass
Mixing pump model	Diaphragm pump AR135/AR185
No. of Nozzle (group)	62
Balance mechanism	Swing balanced suspension with dampers
Nozzle type	No. 2-8 standard fan-type nozzle
auto-mixed tank	Optional
Auto-suction system	Optional
Electric controlled variable spray system	Optional
Hanging spray	Optional
Dimension (mm) (LxWxH)	6140x2315x3770
Weight (kg)	3120

Cultivation Machinery

4JHM Potato Haulm Topper



4JHM series Potato Haulm Topper is for chopping Haulm before potato final mature, the machine designed as per agronomic requirements of potato planting. Killing haulm at 80cm and 90cm row spacing.

Model	4JHM-360	4JHM-320
Connection	3-points mount	
Min. PTO (kw/hp)	≥66.2/90	
Cutting width (mm)	3600	3200
stubble height (mm)	≤80	
Haulm killing rate (%)	≥85	
Cutting length (mm)	≤120	
Chopper type	режущие лопасти	
Working Row no.	4	
Row-spacing (mm)	900	800
Row height (mm)	160-250	
Dimension (mm)	2360x4000x1250	
Weight (kg)	1300	

Model	4JHM-180	4JHM-160
Connection	3-points mount	
Min. PTO (kw/hp)	≥58.8/80	
Cutting width (mm)	1800	1600
stubble height (mm)	≤80	
Haulm killing rate (%)	≥85	
Cutting length (mm)	≤120	
Chopper type	режущие лопасти	
Working Row no.	2	
Row-spacing (mm)	900	800
Row height (mm)	160-250	
Dimension (mm)	2250x1950x1250	
Weight (kg)	700	

Feature:

- ◆ 3-Point full suspension structure, power source by tractor's PTO, high-speed roller with flails cutting haulm in timely manner.
- ◆ Equipped with 4-kind of long and short flail blades, following the potato planting ridge shapes of various row spacings to crush all haulm and leaves on the furrows and ridges without residue.
- ◆ Front end design protective shielding prevents block and stone from the machine, keeping both machine and people safety.
- ◆ Economical and easy operation, wide PTO adaption range, high operating efficiency, widely used for different fields.

Harvesting Machinery

4UM-2A Potato Harvester



The 4UM-2A potato harvester structures a fully suspended double- and triple-lift chain, work with 120-180 HP tractor with hydro-lift and PTO. Combined contour limitation, digging, cutting, separation, lifting, convey and windrow in one time. Suitable for harvesting need in black and sticky field with moisture rate lower than 25%. The operation of cutting seedlings, separating and lifting, and windrow laying is suitable for the harvesting needs of heavy clay soil, chernozem soil and sandy loam soil with soil water content below 25%. Features with compact structure, high cleaning rate, lower breakage rate, safety and reliability, and high operating efficiency.

Feature:

- ◆ Structured with high-strength steel, wider frame provide efficient soil shaking chain and better soil screening effect.
- ◆ Wear-resistant rubber sprocket driven roller chain with low noise and overload protection, plus gentle separation to get better potato lays behind the machine.
- ◆ Wider copy roller with easy adjustment better fits ridge shape, knockdown soil surface for proper spade digging depth with less power consumption.
- ◆ Equipped with qualified disc cutter to cut potato seedlings and other weeds in quick and effective manner, prevent material dragging, for long service life, stable & reliable performance.
- ◆ Completely independent chain drive system, prolong operation time.
- ◆ The clamping wheel and the inner wall of the frame have a compact structure, which increases the amount of soil feeding.
- ◆ Flexible connection of front plate keeps constant material follow.
- ◆ Long rear separation chain enable complete separation of potato and soil with less lateral for lower breakage.
- ◆ Low potato drop distance reduces the collision problem when the potato falls to the ground, further reducing the potato breakage rate.
- ◆ With mechanical soil compaction roller for pressing loose soil, improve the rate of potato on ground, easier for manual picking up.

Model	4UM-2A/4UM-2B
Min. PTO (kw/hp)	≥103
Revolution of PTO shaft (r/min)	540
Operation speed (km/h)	2~5
Row spacing (mm)	800-900
No. of Row	2
Overall dimension (mm)	4000×2150×1450
Weight (kg)	1820

Harvesting Machinery

4UML-180 Potato Combine Harvester



Feature:

- ◆ Compact structure, highly maneuverable, flexible in turning on the field switch.
- ◆ 5-Step roller chain keeps less tilt angle, keep complete potato rate up.
- ◆ 3-Stage seedling system makes complete separation of potatoes and potato seedlings.
- ◆ Vertical lifting system provide gentle potato convey.
- ◆ Large platform for 4-6 person working on potato sorting.
- ◆ Banker capacity 2.5T leave more interval time for transportation and storage.
- ◆ Intelligent control system provides easier operation steps for drivers.
- ◆ Reliable hydro and electric component for more stable and smooth operation.

Model	4UML-180
Operation speed (km/h)	2~5
Operation efficiency (hm ² /h)	0.1-0.2
Operation width (mm)	1600~1800
Min. PTO (kw/hp)	110
No. of Row	2
Row spacing (mm)	800~900
Digging depth (mm)	150~350
Operation tilt angle	0~5
Overall dimension (mm)	8800×3400×3500
Weight (kg)	8380



Fertilizing Machinery

2FH-24 Double-shaft fertilizer Dropper



2FH-24 double-shaft fertilizer dropper solves the problem that the traditional seeder is equipped with a fertilizer application system, enable quick seeding speed and keep farming time, large-scale growers choose the mode of separation of fertilization and seeding, then distribute and complete the whole planting operation, speeding up seeding efficiency.

The machine used for seed sowing, evenly seeding rate meet customers need. Solves the problem of manual fertilizer application before sowing of wheat and corn, and realizes the mechanization of fertilization operation.

Model	2FH-24
Min. PTO (kW/hp)	≥73.5/100
PTO Revolution speed (r/min)	540
Discharge width (m)	18~24
No. of discharge disk	2
Fertilizer tank capacity (L)	1600+500
Overall dimension (mm)	1404×2345×1275
Weight (kg)	380

Feature:

- ◆ 2100 L capacity Fertilizer tank reduce re-fill time, increase efficiency.
- ◆ Adjustable discharge width from 18 – 24m suitable for various field operation.
- ◆ As per customer' s need to proceed step-less discharging with hydro-control on two discharge disks separately for easily operation in various field.
- ◆ Special formed stainless steel discharge disk for evenly spreading with high balance and stability.
- ◆ Press formed procedure plus various casting mould make the machine more stable, high strength and simple and nice styling.

DEWO



Company Declaration:

Sincerely promise:

First, always start with customer needs, continue improving to build world-class products, and deliver value to customers;

Second, be honest and trustworthy, share and win-win with partners;

Third, Utilizing technology to continuously Innovation, and constantly promote the progress of the agricultural machinery industry;

Fourth, Legally operation, be an example for the industry to follow social responsibility!

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