

**MATCH  
MACHINERY**



# **MATCH LOADER CATALOGUE**

**TIAN JIN MATCH MACHINERY CO.,LTD**

Wechat:+8617802220729

WhatsApp:+8617802220729

Email:kenny@tj-echain.com

Website:www.match-machinery.com

Address:Room 605,#1 Building, Golden Valley Mansion, 1 Binjiang Avenue, Heping District, Tianjin



MC920

- ★Adopt Xinchai A495BG Diesel Engine.
- ★Controlled by soft control, hydraulic power shift gearbox with 2 forward and 2 reverse gears makes operate easy.
- ★Single pump, split flow working hydraulic system makes lower consumption and excellent performance.
- ★Double sealed hydraulic pipeline joints with 24°awl and O ring of international standard, avoiding oil leakage.
- ★Load sensing fully hydraulic steering system, easy and flexible operation.
- ★Air over hydraulic brake system; Caliper disc brakes.
- ★Working device with automatic leveling ability at high position
- ★Bucket articulated points take sealed, lubricated, dust-proof layers, which owns good durability.
- ★Integral, luxury instrument board.
- ★Brand new, luxury cabin.
- ★采用新柴A495BG柴油发动机。
- ★采用柔性轴控制的全液压动力换挡变速箱，配备2个前进档和2个倒档，操作轻便。
- ★采用单泵分流工作液压系统，油耗低，性能卓越。
- ★采用国际标准的24°锥度和O形圈双密封液压管路接头，有效防止漏油。
- ★采用负荷传感全液压转向系统，操作轻便灵活。
- ★采用气顶液压制动系统；钳盘式制动器。
- ★工作装置高位自动调平。
- ★铲斗铰点采用密封、润滑、防尘涂层，经久耐用。
- ★整体式豪华仪表板
- ★全新豪华驾驶室。



技术参数  
Machine Detailed Parameters

Wheel loader general specification轮式装载机一般规格	MC920
rated load额定载荷 (kg)	1000
bucket capacity铲斗容量 (m³)	0.5
lifting time提升时间 (s)	3
Total of three time:lifting dumping lowering提升、倾倒和停机时间	5.2
max. pulling force最大牵引力 (kN)	26
max. break force最大崛起力 (kN)	19
max.climbing grade最大爬坡度 (°)	25
control of tyres轮胎中心 (mm)	3640
outside of bucket铲斗外侧 (mm)	/
length长度 (mm)	5050
width宽度 (mm)	1860
height高度 (mm)	2630
wheel base轴距 (mm)	2210
wheel track轮距 (mm)	1430
Min.distance to the ground最小离地间隙 (mm)	260
dumping height倾倒高度 (mm)	2860
dumping distance at the highest position最高位置倾倒距离 (mm)	810
front speed range前速范围 (km/h)	0-23
rear speed range后速范围 (km/h)	0-23
operation weight工作重量 (kg)	3980
Engine information 发动机信息	
Manufacture/brand制造商/品牌	Xichai 西柴
model型号	4DW91
cylinder number气缸数	4
rated power额定功率 (kW)	33
Max torque/speed最大扭矩/转速 (N · m/r/min)	180/1600-1800
Transmission system information 传输系统信息	
torque convertor model变矩器型号	YJ240
type类型	Mechanical manipulation of shaft power shift 轴动力转
gear shifting换档	F2R2
axle model车桥型号	ZL1520
tyres model轮胎型号	20.5/70-16
Working control system information 工作控制系统信息	
working control type工作控制类型	Mechanical control 机械控制
Oil information油液容量	
fuel tank volume油箱容积 (L)	52
hydraulic oil volume液压油量 (L)	52
radiator liquid volume散热器液量 (L)	24
engine oil volume机油量 (L)	6
transmission oil volume变速箱油量 (L)	24



# MC926

- ★YTO diesel engine LR4B3-G92X1A-U2 is adopted, with strong power;
- ★The exhaust purification device produces less smoke and protect environment better;
- ★Applying hydrodynamic transmission technology, single stage, 3 elements torque converter owns simple structure and high reliability;
- ★Single pump, split flow working hydraulic system makes lower consumption and excellent performance;
- ★Double sealed hydraulic pipeline joints avoid oil leakage obviously;
- ★Load sensing fully hydraulic steering system makes operation easy;
- ★Air over hydraulic brake system; Caliper disc brakes;
- ★Working device with automatically leveling ability at high position;
- ★Integral, luxury instrument board;
- ★Newly designed, luxury cabin.
- ★采用一拖LR4B3-G92X1A-U2柴油机，动力强劲；
- ★配备尾气净化装置，烟尘排放更低，更环保；
- ★采用液力传动技术，单级三元件变矩器结构简单，可靠性高；
- ★采用单泵分流工作液压系统，油耗低，性能优良；
- ★采用双密封液压管路接头，明显避免漏油；
- ★采用负荷传感全液压转向系统，操作轻便；
- ★采用气顶液制动系统；钳盘式制动器；
- ★工作装置高位自动调平；
- ★整体式豪华仪表台；
- ★全新设计的豪华驾驶室。



## 技术参数

### Machine Detailed Parameters

Wheel loader general specification 轮式装载机型号	MC926
rated load 额定载荷(kg)	2000
bucket capacity 铲斗容量(m³)	0.7
lifting time 提升时间(s)	4.5
lifting, tipping, and down time 提升、倾倒和停机时间(s)	8.5
max. pulling force 最大牵引力(kN)	48
max. break force 最大崛起力(kN)	60
max. climbing grade 最大爬坡度(°)	30
control of tyres 轮胎中心(mm)	4750
length 车长(mm)	5760
width 车宽(mm)	1910
height 车高(mm)	2370
wheel base 轴距(mm)	2350
wheel track 轮距(mm)	1500
Min. distance to the ground 最小离地间隙(mm)	320
dumping height 最大卸载高度高度(mm)	2220
dumping distance at the highest position 最大卸载高度时的卸载距离(mm)	920
front speed range 前进速度范围(km/h)	0-27
rear speed range 后退速度范围(km/h)	0-27
operation weight 工作重量(kg)	6000
Manufacture/brand 制造商/品牌	YTO
model 型号	LR4B3-G92X1A
cylinder number 气缸数	4
rated power 标定功率(kW)	60/66
Max torque/speed 最大扭矩/转速(N · m/r/min)	286/1600-1800
torque converter model 变矩器型号	YJ280
type 类型	Mechanical control fixed shaft power shift 机械控制固定轴动力换挡
gear shifting 变速档位	F2/R2
axle model 驱动桥型号	ZL18
tyres model 轮胎型号	16/70-20
working control type 工作控制类型	mechanical 机械
fuel tank volume 油箱容积(L)	100
hydraulic oil volume 液压油量(L)	100
radiator liquid volume 散热器液量(L)	25
engine oil volume 机油量(L)	8
transmission oil volume 变速箱油量(L)	28



MC927

- Adopt xichai four cylinder Diesel Engine.
- ★Hydrodynamic transmission and torque converter,
  - ★Controlled by flexible shaft, hydraulic power shift gearbox with 2 forward and 2 reverse se gears makes operate easy.
  - ★Single pump, split flow working hydraulic system makes lower consumption and excellent performance.
  - ★Double sealed hydraulic pipeline joints with 24°awl and O ring of international standard, avoiding oil leakage
  - ★Load sensing fully hydraulic steering system, easy and flexible operation
  - ★Air over hydraulic brake system; Caliper disc brakes
  - ★Working device with automatically leveling ability at high position
  - ★Bucket articulated points take sealed, lubricated, dust-proof layers, which owns good durability
  - ★Integral, luxury instrument board.
  - ★New, luxury cabin



技术参数  
Machine Detailed Parameters

轮式装载机一般规格Wheel loader general specification	MC927
额定载荷rated load(kg)	1800
铲斗容量bucket capacity(m³)	0.8
提升时间lifting time(s)	3.2
提升、倾倒和停机时间lifting,tiping,and down time(s)	7.1
最大拉力max. pulling force(kN)	41
最大断裂力max. break force(kN)	27
最大爬坡度max.climbing grade(°)	25
轮胎中心centrol of tyres(mm)	4200
长度length (mm)	5700
宽度width(mm)	2100
高度height(mm)	2870
轴距wheel base(mm)	2340
轮距wheel track(mm)	1470
最小离地距离Min.distance to the ground(mm)	320
卸载高度dumping height(mm)	3130
最高位置的倾倒距离dumping distance at the highest position(mm)	880
前速范围front speed range(km/h)	0-23
后速范围rear speed range(km/h)	0-23
工作重量operation weight(kg)	5000
制造商/品牌Manufacture/brand	Xichai
型号model	4DX21
气缸数cylinder number	4
额定功率rated power(kW)	53
最大扭矩/转速Max torque/speed(N·m/r/min)	300/1600-1800
变矩器型号torque convertor model	YJ265
类型type	Mechanical manipulation of shaft power shift
换档gear shifting	F2R2
车桥型号axle model	ZL1820
轮胎型号tyres model	16/70-20
工作控制类型working control type	Mechanical control
油箱容积fuel tank volume(L)	60
液压油量hydraulic oil volume(L)	65
散热器液量radiator liquid volume(L)	28
机油量engine oil volume(L)	8
变速箱油量transmission oil volume(L)	26



MC928

1. 流线型外观设计，优雅大方

2. 工作装置铲斗可自动调平，采用计算机优化设计，效率高

3. 新型密封驾驶室，格拉默座椅，操作环境更加舒适

4. 可配置多种选配件，如木叉、管叉、草叉、石桶、大桶、犁、叉等，以满足各种工作状态的需求。
1. Streamlined appearance design, elegant and generous

2. The working device bucket can be set level automatically, computer is adopted to optimize design, high efficiency

3. New sealing cab, Grammer seat, the operating environment is more comfortable

4. Can allocate many kinds of selectante assembly such as wooden fork, pipe fork, grass fork, stone bucket, enlarged bucket, plow, fork etc, to meet the needs of various working states.

Steering angle(each direction)	35°±1
Min.turning radius(outside of bucket	4500mm
Parking brake	Soft axle control,outside bunch drum type
Fuel capacity	80L
Pressure of working hydraulic system	160kgf/cm²

技术参数  
Machine Detailed Parameters

Specification MC928	
Rated capacity	1.7 jaw bucket
Rated weight	2000kg-2500kg
Operating weight	6500kg
Performance of bucket being set level	Yes
Max. breakout force	70KN
Max. drawbar pull	45KN
Max. grade ability	38°
Total of three time:lifting dumping lowering	9.7m
Max.dump height	3.2m
Max.dump reach	1084mm
Min. ground clearance	310mm
Wheel base	2680mm
Tread	2050mm
Overall dimensions (length*width*height)	6400*2290*2850mm
Engine	YUCHAI\CUMMINS
Model	YUCHAI YCD4J22T-115\4BT3.9-C100
Pattern	inline,water cooled,dir.inject,fourstrokees
Max.torsion	261Nm
Rated power	85KW/75KW
Specified rotational speed	2400r/min
Transmission	428 Gearbox seperated from torque converter
Model of torque device	YJ280
Pattern	3-element,single stage
Pattern of gearboxes	FULL-powershift,countersaft type
Number of great shift	4forward,2 reverse
Max.travel speed	40km/h
Main reducer type	arc taper gear moderation of first grade
Pattern of wheelside moderation	planet gear moderation of single
Type size	16/70-20





MC930

- Adopt xichai Cummins or Yunnei four cylinder Diesel Engine.
- ★Hydrodynamic transmission and torque converter,
  - ★Controlled by flexible shaft, hydraulic power shift gearbox with 2 forward and 2 reverse se gears makes operate easy.
  - ★Single pump, split flow working hydraulic system makes lower consumption and excellent performance.
  - ★Double sealed hydraulic pipeline joints with 24°awl and O ring of international standard, avoiding oil leakage
  - ★Load sensing fully hydraulic steering system, easy and flexible operation
  - ★Air over hydraulic brake system; Caliper disc brakes
  - ★Working device with automatically leveling ability at high position
  - ★Bucket articulated points take sealed, lubricated, dust-proof layers, which owns good durability
  - ★Integral, luxury instrument board.
  - ★New, luxury cabin



技术参数  
Machine Detailed Parameters

轮式装载机一般规格Wheel loader general specification	MC930
额定载荷rated load(kg)	2000
铲斗容量bucket capacity(m³)	1.1
提升时间lifting time(s)	4.5
提升、倾倒和停机时间lifting, tipping, and down time(s)	7.6
最大拉力max. pulling force(kN)	63
最大断裂力max. break force(kN)	52
最大爬坡度max. climbing grade(°)	25
轮胎中心control of tyres(mm)	4950
长度length(mm)	6770
宽度width(mm)	2205
高度height(mm)	2920
轴距wheel base(mm)	2580
轮轨wheel track(mm)	1620
最小到地面距离Min. distance to the ground(mm)	300
倾倒高度dumping height(mm)	3600
最高位置倾倒距离dumping distance at the highest position(mm)	1020
前速范围front speed range(km/h)	0-23
后速范围rear speed range(km/h)	0-23
工作重量operation weight(kg)	6720
制造商/品牌Manufacture/brand	Yunnei/YTO/Cummins
型号model	YN38/LR4B3/4BTA3.9-C100
气缸数cylinder number	4
额定功率rated power(kW)	76/66 /74
最大扭矩/转速Max torque/speed(N·m/r/min)	410/1300-1500
变矩器型号torque convertor model	YJ280F1
类型type	Mechanical manipulation of shaft power shift
换挡gear shifting	F2R2
车桥型号axle model	ZL2010
轮胎型号tyres model	16/70-24
工作控制类型working control type	Mechanical control
油箱容积fuel tank volume(L)	60
液压油量hydraulic oil volume(L)	65
散热器液量radiator liquid volume(L)	35
机油量engine oil volume(L)	8
变速箱油量transmission oil volume(L)	30



MC933

1. 流线型外观设计，优雅大方2. 工作装置铲斗可自动调平，采用计算机优化设计，效率高3. 新型密封驾驶室，格拉默座椅，操作环境更加舒适4. 可配置多种选配件，如木叉、管叉、草叉、石桶、大桶、犁、叉等，以满足各种工作状态的需求。
1. Streamlined appearance design, elegant and generous
2. The working device bucket can be set level automatically, computer is adopted to optimize design, high efficiency
3. New sealing cab, Grammer seat, the operating environment is more comfortable
4. Can allocate many kinds of selectante assembly such as wooden fork, pipe fork, grass fork, stone bucket, enlarged bucket, plow, fork etc, to meet the needs of various working states.

Type size	17.5-25
Front type pressure	220KPa
Rear type pressure	180KPa
Steering angle(each direction)	35°±1
Min.turning radius(outside of bucket	4500mm
Parking brake	Soft axle control,outside bunch drum type
Fuel capacity	80L
Pressure of working hydraulic system	160kgf/cm²

技术参数

Machine Detailed Parameters

Specification MC933	
Rated capacity	1.6
Rated weight	2800kg
Operating weight	8000kg
Performance of bucket being set level	Yes
Max. breakout force	70KN
Max. drawbar pull	45KN
Max. grade ability	38°
Total of three time:lifting dumping lowering	9.7m
Max.dump height	3.2m/3.5m
Max.dump reach	1084mm
Min. ground clearance	310mm
Wheel base	2470mm
Tread	1380mm
Overall dimensions (length*width*height)	7100*2400*3100mm
Engine	WEICHAI/ CUMMINS
Model	WEICHAI WP6G125E22/ CUMMINS 6BT5.9-C125/
Pattern	inline,water cooled,dir.inject,fourstrokees
Number of cylinders- internal diameter*strokes	4-108*120
Max.torsion	261Nm
Rated power	92KW
Min.fuel consuming rate	216g/kw.h
Specified rotational speed	2400r/min
Transmission	Gearbox seperated from torque converter
Model of torque device	YJ280
Pattern	3-element,single stage
Pattern of gearboxes	FULL-powershift,countersaft type
Number of great shift	4forward,4reverse
Max.travel speed	30km/h
Main reducer type	arc taper gear moderation of first grade
Pattern of wheelside moderation	planet gear moderation of single





MC935

高可靠性，高生产率  
采用康明斯、威驰、道依茨或玉柴发动机，动力强劲，可靠性高  
液力变矩器和中间轴变速箱，单独装配。  
可靠性更高，维护更简便  
全液压转向系统，动力换挡变速箱，操作更轻松  
铲斗自动调平，优化工作装置，生产率更高  
舒适的操作环境，全新设计的驾驶室，可选配空调  
可选配各种工作装置，如木夹、管夹、草叉、犁、矿铲、松土铲、叉等，以满足不同需求

High reliability and productivity  
Adopt CUMMINS , WEICHAI Deutz or YUCHAI engine, powerful and reliable  
Torque converter and counter-shaft transmission gearbox, assembled separately.  
higher reliability and easier maintenance  
Fully hydraulic steering system, power shift transmission, easier operation  
Bucket can be leveled automatically, optimized working device, higher productivity  
Comfortable operation environment, new design cabin, air-conditioner at option  
Various workina devices of attachment are available, such as log clamp,pipeclamp,grass fork, plow, ore bucket, loose bucket, fork etc. to meet different need



技术参数  
Machine Detailed Parameters

Specification MC935	
Rated capacity	1.8
Rated weight	3000kg
Operating weight	9500kg
Performance of bucket being set level	Yes
Max. breakout force	138KN
Max. grade ability	38°
Max.dump height	3.2m/3.8m/4.2
Wheel base	2760mm
Tread	1860mm
Overall dimensions (length*width*height)	7100*2400*3120mm
Engine	WEICHAI/ CUMMINS/Yuchai
Model	WEICHAI WP6G125E22
Pattern	inline,water cooled,dir.inject,fourstrokees
Max.torsion	540Nm
Rated power	92KW
Specified rotational speed	2000r/min
Transmission	Gearbox seperated from torque converter
Pattern	3-element,single stage
Pattern of gearboxes	FULL-powershift,countersaft type
Number of great shift	4forward,2reverse
Max.travel speed	30km/h
Main reducer type	arc taper gear moderation of first grade
Pattern of wheelside moderation	planet gear moderation of single
Type size	17.5-25
Steering angle(each direction)	35°±1



MC937

- Weichai diesel engine, higher power and reliability.
- \* Hydrodynamic transmission, three-element and single stage torque converter, high reliability, easy maintenance.
  - \* BS428 power shift transmission, high efficiency and easy maintenance.
  - \* Gear-shift controlled by flexible shaft makes operation more flexible and reliable.
  - \* Single lever joystick control system, comfortable and flexible operation.
  - \* Double sealed hydraulic pipeline joints with 24° Awl and O ring of international standard, avoiding oil leakage;
  - \* Air over hydraulic disks on four wheel brakes.
  - \* Large space articulated frames make operation and traveling stable.
  - \* Working device with automatically levelling ability at high position.
  - \* Bucket articulated points take sealed, lubricated, dust-proof layers, which owns good durability.
  - \* Integral, luxury instrument board.
  - \* New, luxury cabin.



技术参数  
Machine Detailed Parameters

性能Performance	
额定载荷Rated load	3000kg
总重量Overall weight	10600kg
额定容量Rated capacity	1.8m3
最大牵引力Max. Tractive force	90KN
最大突破力Max. Breakout force	≥103KN
最大坡度能力Max. Grade ability	28°
最大倾倒高度Max. Dumping height	3000mm
最大倾倒范围Max. Dumping reach	1050mm
外形尺寸长 x 宽 x 高Overall dimension L x W x H	7020x2510x3300mm
最小转弯半径Min. Turning radius	5755mm
发动机Engine	
模式Model	Weichai Deutz WP6G125E23
类型Type	Inline/Turbocharged
缸径/行程数No. Of cylinder-bore/stroke	6- 105x130mm
额定功率Rated power	92kW-2300r/min
最大扭矩Max. torque	499N.m
最小油耗比Min. Fuel-consume ratio	≤226g/kw.h
传输Transmission	
型号Model	Hangchi BS428 Gearbox
变速Gear shift	4 forward, 2reverse.
最大速度Max. speed	36km/h
驱动桥Drive axle	
主异径螺旋Main reducing spiral	Bevel gear grade 1 reduction
减速模式Decelerating mode	Planetary reduction, grade 1
轴距Wheel base	2845mm
车轮踏面Wheel tread	1800mm
最小离地间隙Min. ground clearance	375mm
液压系统Hydraulic system	
系统工作压力System working pressure	17MPa
吊臂提升时间Boom lifting time	5.5+0.2s
总时间Total time	9.8+0.5s
油箱容量Fuel tank capacity	150L
液压油箱容量Hydraulic tank capacity	150L
Break 系统Break system	
行车制动器Service brake	Air over hydraulic disc brake on 4 wheels
驻车制动Parking brake	Mechanical control band brake
轮胎Tyre	
类型Type	17.5-25
前轮胎压力Front tyre pressure	0.34Mpa
后轮胎压力Rear tyre pressure	0.29Mpa



# MC938

MC938 装载机代表了新一代工业装载设备，集坚固耐用的结构和智能操作功能于一体。专为建筑、采矿和物料搬运行业的重型应用而设计。

The MC938 loader represents the next generation of industrial loading equipment, combining robust construction with intelligent operation features. Designed for heavy-duty applications in construction, mining, and material handling industries.

制动系统Brake system		
行车制动	service brake	气顶油钳盘式四轮制动air assist disc brake on 4 wheels
驻车制动	parking brake	手动嵌盘式Manual disk brake
轮胎Tyre		
规格	type specification	17.5-25
前轮气压	front tyre pressure	0.4Mpa
后轮气压	rear tyre pressure	0.35Mpa

## 技术参数

### Machine Detailed Parameters

参数Performance		
额定载重量	rated loading	3000kg
整机重量	overall weight	10500kg
斗容量	bucket capacity	1.7m³
最大牵引力	maximum traction force	95KN
最大掘起力	maximum breakout force	127KN
最大爬坡能力	maximum grade ability	30°
最大卸载高度	maximum dump height	3150mm
最大卸载距离	maximum dump reach	1200mm
整机外形尺寸	overall dimension (L×W×H)	7110*2500*3100mm
最小转弯半径	minimum turning radius	6060mm
发动机Engine		
型号	model	Duetz TD226B
型式	type	直列、水冷、四冲程、直喷 Vertical, in-line, water cooled, 4-stroke diesel engine
汽缸数-缸径*行程	NO. of cylinder-bore*stroke	6-108*125
额定功率	rated power	92kw—2200r/min
最大扭矩	maximum torque	500N.m
最低燃油消耗率	min. fuel-consume ratio	≤210Kw h
传动系统Transmission system		
变矩器型式	torque converter	YJ315-X /BS428
变速箱型式	gearbox mode	动力换挡、行星结构power shift, planetary structure
档位数	gears	前进档2个，倒退档1个2 forward 1reverse
最高车速	maximum speed	40km/h
驱动桥Drive axles		
主减速式：	main reducing spiral	螺旋伞齿轮一级减速bevel gear grade 1reduction
轮边减速型式	decelerating mode	一级行星减速Planetary reduction grade 1
轴距	wheel base (mm)	2850mm
轮距	wheel tread	1800mm
最小离地间隙	ground clearance	370mm
液压系统Hydraulic system		
系统工作压力	system working pressure	18MPa
动臂提升时间	boom lifting time	4.5
三项和	total time	8.8±0.5s





MC940

The wheel loaders offers significant fuel savings and lower long-term costs.

They meet emissions standards and are designed to improve fuel economy without compromising performance.

Reliability, durability, and versatility make them the perfect machine to meet your needs.

Deutz/Cummins engine, electronic control, YD13 gearbox, joystick control, A/C, heavy-duty chassis, general-purpose bucket, luxury cab.



技术参数  
Machine Detailed Parameters

轮式装载机一般规格Wheel loader general specification	MC940
额定载荷rated load(kg)	4000
铲斗容量bucket capacity(m³)	1.7
提升时间lifting time(s)	≤5.5
提升、倾倒和停机时间lifting, tipping, and down time(s)	10.5
最大拉力max. pulling force(kN)	100
最大断裂力max. break force(kN)	≥120
最大爬坡度max. climbing grade(°)	30
轮胎中心control of tyres(mm)	5755
长度length(mm)	6567
宽度width(mm)	2265
高度height(mm)	2470
轴距wheel base(mm)	2695
轮距wheel track(mm)	1800
最小离地距离Min. distance to the ground(mm)	450
卸载高度dumping height(mm)	2500
最高位置的倾倒距离dumping distance at the highest position(mm)	1230
前速范围front speed range(km/h)	0-36
后速范围rear speed range(km/h)	0-22
作重量operation weight(kg)	10500
制造商/品牌Manufacture/brand	WEICHAI
型model	WP6G125E23
气缸编号cylinder number	6
额定功率rated power(kW)	92
最大扭矩/转速Max torque/speed(N·m/r/min)	499/1400-1600
变矩器型号torque convertor model	YX936
类型type	Mechanically operated planetary power shift
换挡gear shifting	F2/R1
车桥型号axle model	ZL30E
轮胎型号tyres model	17.5-25
工作控制类型working control type	mechnnical
油箱容积fuel tank volume(L)	150L
液压油量hydraulic oil volume(L)	150L
散热器液量radiator liquid volume(L)	30L
机油量engine oil volume(L)	13L
变速箱油量transmission oil volume(L)	42L



MC945

The wheel loaders offers significant fuel savings and lower long-term costs.

They meet emissions standards and are designed to improve fuel economy without compromising performance.

Reliability, durability, and versatility make them the perfect machine to meet your needs.

Deutz/Cummins engine, electronic control, YD13 gearbox, joystick control, A/C, heavy-duty chassis, general-purpose bucket, luxury cab.



技术参数  
Machine Detailed Parameters

轮式装载机一般规格Wheel loader general specification	MC945
额定载荷rated load(kg)	4000
铲斗容量bucket capacity(m³)	2.35
提升时间lifting time(s)	≤5.5
提升、倾倒和停机时间lifting,tiping,and down time(s)	10.5
最大拉力max. pulling force(kN)	100
最大断裂力max. break force(kN)	≥120
最大爬坡度max.climbing grade(°)	30
轮胎中心centrol of tyres(mm)	6032
铲斗外侧 (out side of bucket(mm)	6328
长度lenth(mm)	7670
宽度width(mm)	2680
高度height(mm)	3375
轴距wheel base(mm)	3067
轮距wheel track(mm)	1860
最小离地距离Min.distance to the ground(mm)	460
卸载高度dumping height(mm)	3000/3800
最高位置的倾倒距离dumping distance at the highest position(mm)	1100/1600
前速范围front speed range(km/h)	0-36
后速范围rear speed range(km/h)	0-22
作重量operation weight(kg)	12600
制造商/品牌Manufacture/brand	Dongfeng Cummins
型号model	6BT5.9-C180
气缸编号cylinder number	6-102×120
额定功率rated power(kW)	132
最大扭矩/转速Max torque/speed(N·m/r/min)	750/1300-1400
变矩器型号torque convertor model	WG180
类型type	electrical control fixed shaft power shift
换挡gear shifting	F4R3
车桥型号axle model	GZH420
轮胎型号tyres model	20.5-25
工作控制类型working control type	joysticks control
油箱容积fuel tank volume(L)	150L
液压油量hydraulic oil volume(L)	150L
机油量engine oil volume(L)	13L
变速箱油量transmission oil volume(L)	45L



# MC946

整车结构经过有限元优化设计，经过20万次疲劳强化试验，前后车厢均采用板式结构，重心分布均匀，具有较强的承载能力和良好的刚度。  
The whole piece of carriage structure has been through finite element optimizatiordesign and 200,000 times of fatigue intensified test.Both the front and rear carriagesuse the plate-style structure and thus the gravity is well-distributed . It has strongloading capability and rididity as well as good.

技术参数

Machine Detailed Parameters

Specifications	
Rated weight	4000Kg
Rated capacity	2.3m³
Operating weight	12700kg
Dump distance	1055mm
Min.Ground Clearance	440mm
Wheel base	2880mm
Tread	2250mm
Total time	10.2s
Max. breakout force	125KN
Max. dumping height	2950mm
Overall dimensions (length*width*height)	7295×2574×3324mm

Engine	
Model	WP6G175E22
Pattern	Inline, water-cooled, wetcylinder liner, direct injection
Rated power	129kw
Max. torque	640N.m
Torque converter and transmission system	
Torque converter type	4-element single stage two phase
Transmission type	Planetary power shift
Number of gear	2forward,1reverse
Max. travel speed	38km/h
Axle	SDLG
Main reducer pattern	Spiral bevel gear first reduction
Pattern of wheel side moderation	Single stage planetary
Pattern of wheel side moderation	Planet gear moderation of single
Tire	
Tire size	20.5-25
Steering system	
Pattern	Full hydraulic steering system
Displacement	63ml/r
Min. turning radius(outside of bucket)	6116mm
Max. turning angle	38°
Implement hydraulic system	
Implement pump	CBGV3100
Displacement	100ml/r
System working pressure	16mpa
Distribution device model	DF32
Pilot valve model	DJS
Brake system	
Service brake type	Air -on- oil caliper-disc
Parking brake type	Manual caliper disc





MC950

- 1.重型的，强大的；
- 2.杭州前进变速箱，操作更简便，工作效率更高；
- 3.飞行员操控的全液压转向系统，操作更轻松；
- 4.铲斗可自动调平，优化工作装置，生产效率更高；
- 5.舒适的操控环境，全新设计的驾驶室，可选装空调；
- 6.有各种各样的工作装置可供选择，例如原木夹具、管夹具、草叉、犁、矿石斗、松散物料斗、叉等，以满足不同的需求。
- 1.Heavy duty,powerful;
- 2.Hangzhou Advance gearbox,easier operation,high working efficiency;
- 3.Pilot controlled,fully hydraulic steering system, easier operation;
- 4.Bucket can be leveled automatically, optimized working device,higher productivity;
- 5.Comfortable operation environment,new design cabin,air-conditioner at option;
- 6.Various working devices of attachment are available,such as log clamp,pipe clampl,grass fork,plow,ore bucket,loose bucket,fork etc.to meet different need.

技术参数Machine Detailed Parameters

Rated capacity	3.0m³
Rated weight	5000kg
Operating weight	17000kg
Performance of bucket being set level	Yes
Max. breakout force	>170KN
Total of three time:lifting dumping lowering	11.3s
Max.dump height	3200mm
Max.dump reach	1148mm
Wheel base	3300mm
Tread	2200mm
Overall dimensions (length*width*height)	8250*3030*3378mm
Engine	WEICHA
Model	STEYR WD10G220E21
Pattern	Turbocharger, vertical, water-cooled, 4-stroke, direct injection
Max.torque	900/1300-1500N.m
Rated power	162KW
Specified rotational speed	2200r/min
Transmission	ZL50
Model of torque device	Combined with the gearbox
Pattern	single stage two phase four components
Pattern of gearboxes	Planetary-structure
Number of great shift	2 forward,1 reverse
Max.travel speed	40km/h
Main reducer type	Spiral bevel gear first reduction
Pattern of wheelside moderation	Single stage planetary
Type size	23.5-25
Steering angle(each direction)	35°±1
Brake system	Air assisted oil disc on four wheel
Parking brake	Soft control , disc type
Pressure of working hydraulic system	18Mpa





MC953

沃尔沃斯太尔柴油发动机，功率强劲，扭矩储备充足，油耗更低，噪音更低。该发动机性能可靠，标配两级空气滤清器，可适应粉尘较多的作业现场。

杭齿变速箱结构紧凑，齿轮更耐用。采用新型减震器，提升减震效果。

所选用动力强劲、技术成熟的力工5吨加强型驱动桥，承载能力更强，可靠性更高。

WEICHAI Steyr diesel engine offers great power and torque reserve and has lower fuel consumption and less noise. The engine has reliable performance and is equipped with the standard 2-stage air filter adaptable to the more dusted work sites.

The HANGCHI transmission is compact and has more durable gears. The new type of vibration damper is used to improve shock absorbing effects.

The selected model is LINGONG 5-ton reinforced drive axle featuring outstanding performance and mature technologies. This drive axle has more load bearing capability and higher reliability.



技术参数  
Machine Detailed Parameters

Rated capacity	3.0m³
Rated weight	5000kg
Operating weight	16700kg
Performance of bucket being set level	Yes
Max. breakout force	>160KN
Total of three time:lifting dumping lowering	11.3s
Max.dump height	3200mm
Max.dump reach	1148mm
Wheel base	2920mm
Tread	2200mm
Overall dimensions (length*width*height)	7720*3030*3378mm
Engine	WEICHAI
Model	STEYR WD10G220E21
Pattern	Turbocharger, vertical, water-cooled, 4-stroke, direct injection
Max.torque	920N.m
Rated power	162KW
Specified rotational speed	2200r/min
Transmission	ZL50
Model of torque device	Combined with the gearbox
Pattern	single stage two phase four components
Pattern of gearboxes	Planetary-structure
Number of great shift	2 forward,1 reverse
Max.travel speed	40km/h
Main reducer type	Spiral bevel gear first reduction
Pattern of wheelside moderation	Single stage planetary
Type size	23.5-25
Steering angle(each direction)	35°±1
Brake system	Air assisted oil disc on four wheel
Parking brake	Soft control , disc type
Pressure of working hydraulic system	18Mpa



MC955

重型，动力强劲。电液变速箱，操作更简便，工作效率更高。  
Heavy duty,powerful. Electric-hydraulic gearbox ,easier operation, high working efficiency.



技术参数  
Machine Detailed Parameters

Specification MC955	
Rated capacity	3.0m³
Rated weight	5000kg
Operating weight	17000kg
Performance of bucket being set level	Yes
Max. breakout force	173KN
Total of three time:lifting dumping lowering	11.3s
Max.dump height	3160mm
Max.dump reach	1200mm
Wheel base	3260mm
Tread	2250mm
Overall dimensions (length*width*height)	7934*3060*3483mm
Engine	WEICHA
Model	STEYR WD10G220E23
Pattern	Turbocharger, vertical, water-cooled, 4-stroke, direct
Max.torque	860N.m
Rated power	162KW
Specified rotational speed	2200r/min
Transmission	ZL50
Model of torque device	Combined with the gearbox
Pattern	single stage two phase four components
Pattern of gearboxes	Planetary-structure
Number of great shift	2 forward,1 reverse
Max.travel speed	40km/h
Main reducer type	Spiral bevel gear first reduction
Pattern of wheelside moderation	Single stage planetary
Type size	23.5-25
Steering angle(each direction)	35°±1
Brake system	Air assisted oil disc on four wheel
Parking brake	Soft control , disc type
Pressure of working hydraulic system	18Mpa



# MC956

MC956装载机采用潍柴斯太尔柴油机，动力强劲、油耗低、噪音低、性能可靠；标配双级空滤，适合粉尘较多的作业场所。

MC956 loader adopts Weichai Steyr diesel engine with strong power, low fuel consumption, low noise and reliable performance; it is equipped with double-stage air filter as standard, which is suitable for dusty workplaces.



## 技术参数 Machine Detailed Parameters

Overall Dimension 总尺寸		
Length(with bucket on ground)总长（铲斗放置地面）	8020mm	
Width(to outside of wheels)总宽（到轮胎外沿）	3050mm	
Bucket width铲斗宽度	3080mm	
Height(To the top of the cab)高度（到驾驶室室顶）	3350mm	
Wheel base轴距	3200mm	
Min. ground clearance最小离地间隙	430mm	
Technical Specification性能参数		
Rated load额定载重量	5000kg	
Operating weight操作重量	16800kg	
Rated bucket capacity额定斗容	3m <sup>3</sup>	
Max. dump clearance最大卸载高度	3200	
Dump reach卸载距离	1250	
Min. turning radius(wheel)轮胎外最小转弯半径	6450	
Diesel engine发动机		
Model型号	SC11CB220G2B1	
Type形式	In-line, direct injection, water cooling	
Rated output额定功率	162KW/2200r/min	
Total exhaust of cylinder排气量	10.45L	
Max. Torque最大扭矩	912 (N.M	
Transmission System传动系统		
Model型号	ZFG200	
Type形式	涡轮液力传动式	
Gear shift position档位	F4 R3	
Speed 速度（F/R）	F0-38 R0-28	
Max. drawing force最大牵引力	170KN	
Size of tire轮胎型号	23.5-25, 20PR	
Drive axle车桥		
Model		
Manufacturer	美驰	
Rated front axle load 前桥额定载重	20T	
Rated rear axle load 后桥额定载重	10T	
Working Hydraulic System工作液压系统		
Model of oil pump工作油泵型号	CBGJ3160	
System pressure系统压力	18Mpa	
Model of Muti-way directional valve 多路阀型号	D32	
Pilot valve先导阀型号（选 optional）	DJST.7	
Steering System转向系统		
Model of steering pump转向泵型号	CBGJ2080/1010	
Model of redirector 转向器型号	B22-800	
Model of priority valve 优先阀	YXL-F250L	
System pressure转向系统压力	16Mpa	
Brake System制动系统		
Type of traveling brake 行车制动形式	气顶油钳盘式制动	
Air pressure制动气压	0.6-0.8Mpa	
Type of parking brake停车制动形式	断气钳盘制动	
Oil Capacity加油量		
Fuel(diesel)燃油	300L	
Engine lubricating oil机油		18L
Oil for converter and gear box变速箱油	46L	
Oil for hydraulic system液压系统油	260L	
Oil for driving axles（F/R）前后驱动桥油	35L	



MC959

- The most cost-effective  
Shangchai engine is adopted, with large torque backup and strong power.  
gearbox & torque converter from Hangzhou Advance Gear Group  
\*Electro-hydraulic control, 4 forward and 3 reverse,  
\*Single lever joystick control system makes operation easy and comfortable.  
\*Strengthened axles own large bearing capacities and high reliability.  
\*Twin pump merging hydraulic system makes lower consumption and excellent performance.  
\*The coaxes flow-amplified, hydraulic compensated steering makes operation easy and performance reliable.  
\*Both travel system and working hydraulic system are forced-cooled, improving the efficiency obviously.  
\*Air over hydraulic brake system; Eight caliper disc brakes.  
\*Air break control, expand hoof type parking brake and emergency brake.  
\*Large space articulated chassis makes operation and traveling stable.  
\*Working device with automatically leveling ability at high position.  
\*Main articulated points take sealed, lubricated, dust-proof layers, which owns good durability.  
\*Integral, luxury instrument board.  
\*New, luxury cabin.  
\*CE Approved. \*Obtained the certificate of ISO9001: 2000;  
\*Manufacturing license number: TS2510025-2009.



技术参数  
Machine Detailed Parameters

项目Item	规范Specification
容量Bucket capacity	3 m <sup>3</sup>
额定载荷Rated load	5000 kg
倾倒高度Dumping height	3100 mm
倾销范围Dumping reach	1280 mm
吊臂提升时间Boom lifting time	6 S
总循环时间Total cycling time	12 S
最大速度Max. speed	38 km/h
最大突破力Max. breakout Force	180 KN
最大拉伸力Max.drawing force	152 KN
最大爬坡能力Max. Gradeability	30°
最小转弯半径（后轮外侧）Min. turning radius(outside of	6630mm
转向角steering angle	38°
最小离地间隙Min. ground clearance	500mm
轴距Wheel base	3200mm
胎面Tread	2250mm
发动机型号Engine model	C6121ZG50
额定功率Rated power	162kW/2200rpm
轮胎Tyre	23.5-25
外形尺寸Overall dimensions	7960*3070*3400mm
工作重量Operating weight	17000kg



MC965

1.Powerful Performance

Equipped with a high-efficiency engine, delivering strong power and torque for heavy-duty operations.  
Optimized transmission system ensures smooth acceleration and fuel efficiency.

2.Robust Structure

Reinforced frame and heavy-duty axles enhance durability in tough working conditions.  
High-strength steel bucket with wear-resistant edges for extended service life.

3.Excellent Maneuverability

Compact design with a tight turning radius, ideal for confined workspaces.  
Responsive hydraulic steering for precise control and operator comfort.

4.Advanced Hydraulic System

High-capacity hydraulic pump provides fast and powerful bucket lifting & tilting.  
Intelligent load-sensing system adjusts hydraulic flow for optimal efficiency.



技术参数

Machine Detailed Parameters

规格specification	MC965
额定载荷rated load(kg)	6000
铲斗容量bucket capacity(m³)	3.3
提升时间lifting time(s)	≤7
提升、倾倒和停机时间lifting, tipping, and down time(s)	11
最大拉力max. pulling force(kN)	168
最大断裂力max. break force(kN)	168
最大爬坡度max. climbing grade(°)	22
轮胎中心centrol of tyres(mm)	6145
铲斗外侧out side of bucket(mm)	7185
长度length(mm)	8160
宽度width(mm)	280
高度height(mm)	2460
轴距wheel base(mm)	3230
轮距wheel track(mm)	2205
最小离地距离Min.distance to the ground(mm)	310
卸载高度dumping height(mm)	2890
最高位置的倾倒距离dumping distance at the highest position(mm)	1230
前速范围front speed range(km/h)	0-34
后速范围rear speed range(km/h)	0-12.5
操作重量operation weight(kg)	19200
制造商/品牌Manufacture/brand	Weichai
型号model	WP10G220E343
气缸编号cylinder number	6
额定功率rated power(kW)	162
最大扭矩/转速Max torque/speed(N·m/r/min)	960/1300-1500
变矩器型号torque convertor model	ZL50D-039
类型type	Mechanically operated planetary power shift
换挡gear shifting	F2/R1
车桥型号axle model	C216BRF/C216BSF
轮胎型号tyres model	17.5-25-20PR Plan surface/20.5-25-20PR Plan surface
工作控制类型working control type	Joysticks
油箱容积fuel tank volume(L)	280L
液压油量hydraulic oil volume(L)	280L
散热器液量radiator liquid volume(L)	55L
机油量engine oil volume(L)	20L
变速箱油量transmission oil volume(L)	45L



MC968

重型，动力强劲。  
先导控制，全液压转向系统，操作更简便。  
铲斗自动调平，优化工作装置，生产效率更高  
舒适的操作环境，全新设计的驾驶室，可选配空调  
多种工作装置可选配，例如：木夹、管夹、草叉、犁、矿铲、松土铲、叉等，以满足不同需求。  
Heavy duty,powerful.  
Pilot controlled,fully hydraulic steering system, ,easier operation.  
Bucket can be leveled automatically, optimized working device, higher productivity  
Comfortable operation environment, new design cabin, air-conditioner at option  
Various working devices of attachment are available, such as log clamp,pipe clamp, grass fork, plow, ore bucket, loose bucket, fork etc. to meetdifferent need.

技术参数  
Machine Detailed Parameters

Rated capacity	3.5m³
Rated weight	6000kg
Operating weight	19000kg
Performance of bucket being set level	Yes
Max. breakout force	200KN
Total of three time:lifting dumping lowering	11.3s
Max.dump height	3160mm
Max.dump reach	1200mm
Wheel base	3260mm
Tread	2250mm
Overall dimensions (length*width*height)	8600*2950*3600mm
Engine	WEICHAI
Model	STEYR WD10G240E21
Pattern	Turbocharger, vertical, water-cooled, 4-stroke, direct injection
Max.torque	920N.m
Rated power	175KW
Specified rotational speed	2200r/min
Transmission	ZL60
Model of torque device	Combined with the gearbox
Pattern	single stage two phase four components
Pattern of gearboxes	Planetary-structure
Number of great shift	2 forward,1reverse
Max.travel speed	40km/h
Main reducer type	Spiral bevel gear first reduction
Pattern of wheelside moderation	Single stage planetary
Type size	26.5-25
Steering angle(each direction)	35°±1
Min.turning radius(outside of bucket	7260mm
Brake system	Air assisted oil disc on four wheel
Parking brake	Soft control , disc type
Pressure of working hydraulic system	20Mpa





MC969

- Shangchai SC11CB240.1G2B1 engine is adopted, large torque backup and strong power.
- \*Liuzhou Advance Gear Group 4W200 torque converter and fix-shaft gearbox.
  - \*Electro-hydraulic control, 4 forward and 3 reverse.
  - \*Single lever pilot control system makes operation easy and comfortable.
  - \*Strengthened axles own large bearing capacities and high reliability.
  - \*Twin pump merging hydraulic system makes lower consumption and excellent performance.
  - \*With load relief valve, the flow-amplified hydraulic steering system makes operation easy and performance reliable.
  - \*Both travel system and working hydraulic system are forced-cooled, improving the efficiency obviously.
  - \*Air over hydraulic brake system; eight caliper disc brakes.
  - \*Large space articulated frame makes operation and traveling stable.
  - \*Working device with automatically leveling ability at high position.
  - \*Main articulated points take sealed, lubricated, dust-proof layers, which owns good durability.
  - \* Integral, luxury instrument board.
  - \* New, luxury cabin



技术参数  
Machine Detailed Parameters

性能Performance	
额定载荷 Rated load	6000kg
总重量Overall weight	19200kg
额定容量Rated capacity	3.5m3
最大牵引力Max. Tractive force	170KN
最大挖掘力Max. Breakout force	≥190KN
最大坡度能力Max. Grade ability	30°
最大卸载高度Max. Dumping height	3100mm
最大倾倒范围Max. Dumping reach	1250mm
外形尺寸 L x W x H Overall dimension L x W x H	8160x3070x3400mm
最小转弯半径 Min. Turning radius	6630mm
发动机Engine	
型号Model	Shangchai CAT SC11CB240.1G2B1
类型Type	直列/涡轮增压/水挤 Inline/Turbocharged/water colling
不。气缸孔径/冲程No. Of cylinder-bore/stoke	6-121x152mm
额定功率Rated power	175kw-2200r/min
最大扭矩Max. torque	950N.m
最小油耗比Min. Fuel-consume ratio	≤215g/kw.h
传输Transmission	
型号Model	WG200 Gearbox
变速Gear shift	4 forward, 3 reverse.Electronic control gear shift
最大速度Max. speed	38km/h
驱动桥Drive axle	
主减速螺旋Main reducing spiral	锥齿轮 1 级减速 Bevel gear grade 1 reduction
减速模式Decelerating mode	行星减少, 1 级 Planetary reduction, grade 1.
轴距Wheel base	3200mm
车轮踏面Wheel tread	2250mm
最小离地间隙Min. ground clearance	510mm
液压系统Hydraulic system	
系统工作压力System working pressure	18MPa
吊臂提升时间Boom lifting time	6.0+0.2s
总时间Total time	12+0.5s
油箱容量Fuel tank capacity	300L
自动调平Leveling automatically	Yes
Break system	
行车制动器Service brake	4 个轮子上的气动液压盘式制动器Air over hydraulic disc brake on 4
驻车制动Parking brake	展开蹄型expand hoof type
轮胎Tyre	
类型Type	26.5-25
前轮胎压力Front tyre pressure	0.4Mpa
后轮胎压力Rear tyre pressure	0.35Mpa