

MATCH
MACHINERY

MATCH BACKHOE LOADER



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



MC30-25

MC30-25 Backhoe loader,use a central articulated frame, smaller turning radius, flexible, lateral stability is good, is advantageous for the loading operation in the narrow site.

Loading device features refer to the world's advanced level of the British JCB 3CX type structure, mining device features refer to John Deere 310 se type structure, beautiful shape, cab USES large area glass, good daylighting sex and vision, the driver operation more comfortable.

With the gas cap oil pliers disc type foot brake system and external beam hand drum brakes, brake safe and reliable. Adopts hydraulic transmission structure, improve the reliability of the transmission system.

Adopts full hydraulic steering, power shift, working device hydraulic control.

The operation of portable flexible, smooth and reliable action.

Based on low voltage wide base off-road tires, driving axle swinging, good cross-country performance and through the performance.

To the excavation of lateral sliding device and the excavation scope is bigger, a wider range of application.

Adopted 360 °damping suspension type rotating seats, with the armrest and seat belt, improves the comfort and safety of the driver.

Machine diesel tank refueling location convenient and easy to observe the oil level.

MC30-25挖掘装载机，采用中央铰接式车架，转弯半径小，机动灵活，横向稳定性好，有利于在狭窄场地进行装载作业。装载装置参考世界先进水平的英国JCB 3CX型结构，挖掘装置参考约翰迪尔310SE型结构，造型美观，驾驶室采用大面积玻璃，采光性和视野良好，驾驶员操作更舒适。

采用气顶油钳盘式脚制动系统和外置式横梁手鼓制动器，制动安全可靠。

采用全液压传动结构，提高了传动系统的可靠性。

采用全液压转向、动力换挡，工作装置液压控制。操作轻便灵活，动作平稳可靠。

基于低压宽基越野轮胎，驱动桥可摆动，具有良好的越野性能和通过性能。

采用侧滑挖掘装置，挖掘范围更大，适用范围更广。

采用360°阻尼悬浮式旋转座椅，配备扶手和安全带，提高驾驶员的舒适性和安全性。

机器柴油箱加油位置便捷，易于观察油位。



技术参数 Machine Detailed Parameters

Overall Dimensions总体尺寸		
Overall Dimension (L×W×H) 整车操作质量		5654×2365×3764mm
Operating Weight 整机外形尺寸		7600KG
Wheel Base轴距		2415±10mm
Wheel Tread 轮距		1848±10mm
Min.Ground Clearance最小离地间隙		300mm
Performance性能		
Load main technical parameter 装载主要参数	Load Bucket Capacity 装载斗容	1.0m³
	Load Breakout Force崛起力	47KN
	Load Lifting Capacity装载举升能力	2500KG
	Bucket Unloading Height铲斗卸载高度	2780mm±50mm
	Bucket Unloading Distance铲斗卸载距离	1112mm±20mm
Digging main technical parameters挖掘主要参数	Digging Depth铲挖深度	52mm
	Backhoe Bucket Capacity反铲斗容	0.3m³
	Backhoe Digging force 挖斗挖掘力	49.8KN
	Backhoe Swing Angle挖掘回转角	180°
	Bucket Unloading height挖斗卸载高度	3820mm
	Max. Digging Depth最大挖掘深度	4060mm
	Max.Traction Force最大牵引力	52KN
Engine发动机		
Model型号		Yuchai YC4A105Z-T20
Type形式		Inline direct injection,water-cooled,turbocharged,four stoke
Cylinders-Inner Diameter×Stroke气缸数-内径×行程		4-108×132mm
Rated Power额定功率		75KW
Rated Speed额定转速		2200r/min
Min.fuel consumption最低燃油率		230g/kw.h
Max.torque最大扭矩		400N.m
Displacement排量		4.8L
Steering System转向系统		
Type型式		Hydraulic steering
Diverter Model转向器型号		BZZ-250
Pump Delivery工作泵排量		63ml/r
Pump Model工作泵型号		CBG2063
Steering Angle转向角		±35°
Min.Turning Radius最小转弯半径		5590mm
Driving Axle驱动桥		
Model型号		ZL28
Manufacturer生产厂家		China Axle
Rated Font Axle Load额定前桥载荷		12.3T
Rated Rear Axle Load额定后桥载荷		12.3T
Transmission传动系统		
Gearbox变速箱		Mechanically Operated Hydraulic Synchronized Shift
Model型号		ZL15
Gears档位数		2F、2R
Hydraulic Torque Converter液力变矩器		YJ280
Inlet Pressure进口压力		0.4~0.65Pa
Outlet Pressure出口压力		1.5~1.8Pa
Cooling Mode冷却方式		Oil-Cooling Pressure Circulation
Pump Delivery流量		40m/r
Tyre轮胎		
Front/Rear Model前/后规格		16/70-20
Front Tyre Pressure 前轮气压		0.35Mpa
Rear Tyre Pressure后轮气压		0.35Mpa
Max.Travel Speed最高车速		22km/h
Brake System制动系统		
Traveling Brake行车制动		Air tropped oil clamp disk, external, Self-adjusting, self-balancing
Parking Brake驻车制动		Manual Brake
System Pressure系统压力		
Loading Hydraulic System装载液压系统		19Mpa
Excavation Hydraulic System挖掘液压系统		19Mpa
Steering Hydraulic System转向液压系统		14Mpa



MC388H

MC388H backhoe loader, equipped with Yuchai brand engine, rated power of 75KW, fully meet the daily driving and working needs,maximum speed while traveling can reach 38KM/H.Axle and transmission are domestic, from the domestic first-tier brands, good quality and durable.

This model adopts the support method of H outriggers, and the rear digging end can be hydraulically slid, which effectively enlarges the moving range of the digging arm as well as the rated working range of the digging bucket, and greatly improves the working efficiency and saves time and cost.

MC388H, a four-wheel consistent backhoe loader. It is specially designed for the Russian market according to the needs of Russian customers and the weather and environmental conditions in Russia. The consistent structure of four wheels is more stable in supporting the body, which helps the vehicle to be more stable when traveling. With the structure of the whole frame, the weight of the body can reach 10500Kg, which is the largest one among all the products of our company at present.

MC388H挖掘装载机，搭载玉柴发动机，额定功率75千瓦，完全满足日常驾驶和作业需求，行驶时最高时速可达38公里/小时。车桥和变速箱均为国产，来自国内一线品牌，品质优良，经久耐用。

该机型采用H型支腿支撑方式，后挖掘端可液压滑移，有效扩大了挖掘臂的移动范围和铲斗的额定工作范围，大大提高了作业效率，节省了时间和成本。

MC388H是一款四轮一致的挖掘装载机。它根据俄罗斯客户的需求以及俄罗斯的天气和环境条件，专为俄罗斯市场设计。四轮一致的结构使车身支撑更加稳固，有助于车辆行驶时更加平稳。采用全车架结构，车身重量可达10500Kg，是目前我公司所有产品中重量最大的一款。



技术参数

Machine Detailed Parameters

Overall Dimensions总体尺寸		
Overall Dimension (L×W×H) 整车操作质量		6554×2543×3633mm
Operating Weight 整机外形尺寸		10500KG
Wheel Base轴距		2334±10mm
Wheel Tread 轮距		2050±10mm
Min.Ground Clearance最小离地间隙		451mm
Performance性能		
Load main technical parameter 装载主要参数	Load Bucket Capacity 装载斗容	1.2m³
	Load Breakout Force崛起力	47KN
	Load Lifting Capacity装载举升能力	2500KG
	Bucket Unloading Height铲斗卸载高度	3080mm±50mm
	Bucket Unloading Distance铲斗卸载距离	860mm±20mm
	Digging Depth铲挖深度	30mm
Digging main technical parameters挖掘主要参数	Backhoe Bucket Capacity反铲斗容	0.3m³
	Backhoe Digging force 挖斗挖掘力	49.8KN
	Backhoe Swing Angle挖掘回转角	180°
	Bucket Unloading height挖斗卸载高度	3795mm
	Max. Digging Depth最大挖掘深度	4085mm
	Max.Traction Force最大牵引力	76KN
Engine发动机		
Model型号		Yuchai YC4A105Z-T20
Type形式		Inline direct injection,water-cooled,turbocharged,four stoke
Cylinders-Inner Diameter×Stroke气缸数-内径×行程		4-108×132mm
Rated Power额定功率		75KW
Rated Speed额定转速		2200r/min
Min.fuel consumption最低燃油率		230g/kw.h
Max.torque最大扭矩		400N.m
Displacement排量		4.8L
Steering System转向系统		
Type型式		Hydraulic steering
Diverter Model转向器型号		BZZ-250
Pump Delivery工作泵排量		63ml/r
Pump Model工作泵型号		CBG2063
Steering Angle转向角		±39°
Min.Turning Radius最小转弯半径		6581mm
Driving Axle驱动桥		
Model型号		WZZD75D/ZLZL30
Manufacturer生产厂家		Yunyu
Rated Font Axle Load额定前桥载荷		22.5T
Rated Rear Axle Load额定后桥载荷		18.5T
Transmission传动系统		
Gearbox变速箱		Mechanically Operated Hydraulic Synchronized Shift
Model型号		LM55
Gears档位数		4F、4R
Hydraulic Torque Converter液力变矩器		YJ290
Inlet Pressure进口压力		0.5~0.65Pa
Outlet Pressure出口压力		2.0~2.3Pa
Cooling Mode冷却方式		Oil-Cooling Pressure Circulation
Pump Delivery流量		40m/r
Tyre轮胎		
Front/Rear Model前/后规格		14-17.5/19.5L-24
Front Tyre Pressure 前轮气压		0.4Mpa
Rear Tyre Pressure后轮气压		0.35Mpa
Max.Travel Speed最高车速		38km/h
Brake System制动系统		
Traveling Brake行车制动		Air tropped oil clamp disk, external, Self-adjusting, self-balancing
Parking Brake驻车制动		Manual Brake
System Pressure系统压力		
Loading Hydraulic System装载液压系统		20Mpa
Excavation Hydraulic System挖掘液压系统		20Mpa
Steering Hydraulic System转向液压系统		14Mpa

MC388T

The MC388T is equipped with Weichai National II engine with a power of 70KW.Imported Italian Carraro axle and axle box, lower wear rate, long service life of the equipment, greatly reducing the maintenance cost. Front-end loading and back-end digging, mechanical operation, control the work of the equipment by pulling the wire, the action is more accurate.

The excavating end is reserved for the crushing hammer pipeline, which is convenient for customers to install the auxiliary equipment by themselves.

The cab of this product has passed ROPS & FOPS certification, and also has the performance of fall and rollover prevention, with a high degree of safety, providing a safer driving environment and more effective protection for the driver.

MC388T搭载潍柴国二发动机，功率70KW。采用进口意大利卡拉罗桥及轴箱，磨损率更低，设备使用寿命更长，大幅降低维护成本。

前装后挖，机械化作业，通过拉线控制设备作业，动作更精准。挖掘端预留破碎锤管路，方便客户自行安装辅助设备。该产品驾驶室通过ROPS和FOPS认证，并具备防坠落、防侧翻性能，安全性高，为驾驶员提供更安全的驾驶环境和更有效的保护。



技术参数 Machine Detailed Parameters

Overall Dimensions总体尺寸		
Overall Dimension (L×W×H) 整车操作质量		6050×2465×3100mm
Operating Weight 整机外形尺寸		8200KG
Wheel Base轴距		2280±10mm
Wheel Tread 轮距		1785±10mm
Min.Ground Clearance最小离地间隙		300mm
Performance性能		
Load main technical parameter 装载主要参数	Load Bucket Capacity 装载斗容	1.0m³
	Load Breakout Force崛起力	47KN
	Load Lifting Capacity装载举升能力	2500KG
	Bucket Unloading Height铲斗卸载高度	2760mm±50mm
	Bucket Unloading Distance铲斗卸载距	900mm±20mm
Digging main technical parameters挖掘主要参数	Digging Depth铲挖深度	52mm
	Backhoe Bucket Capacity反铲斗容	0.3m³
	Backhoe Digging force 挖斗挖掘力	50KN
	Backhoe Swing Angle挖掘回转角	180°
	Bucket Unloading height挖斗卸载高度	3795mm
	Max. Digging Depth最大挖掘深度	4085mm
Engine发动机		
Model型号		Yuchai YC4A105Z-T20
Type形式		Inline direct injection,water-cooled,turbocharged,four stoke
Cylinders-Inner Diameter×Stroke气缸数-内径×行程		4-108×132mm
Rated Power额定功率		75KW
Rated Speed额定转速		2200r/min
Min.fuel consumption最低燃油率		230g/kw.h
Max.torque最大扭矩		400N.m
Displacement排量		4.8L
Steering System转向系统		
Type型式		Hydraulic steering
Diverter Model转向器型号		BZZ-250
Pump Delivery工作泵排量		63ml/r
Pump Model工作泵型号		CBG2063
Steering Angle转向角		±36°
Min.Turning Radius最小转弯半径		6851mm
Driving Axle驱动桥		
Model型号		26.2-1920/28.43M-1654
Manufacturer生产厂家		Italy Carraro
Rated Font Axle Load额定前桥载荷		22.5T
Rated Rear Axle Load额定后桥载荷		18.75T
Transmission传动系统		
Gearbox变速箱		Counter shaft Power shift
Model型号		TLB-4WD
Gears档位数		4 F、4R
Hydraulic Torque Converter液力变矩器		Carraro
Inlet Pressure进口压力		-
Outlet Pressure出口压力		1.3-1.55Pa
Cooling Mode冷却方式		Oil-Cooling Pressure Circulation
Pump Delivery流量		40m/r
Tyre轮胎		
Front/Rear Model前/后规格		14-17.5/19.5L-24
Front Tyre Pressure 前轮气压		0.4Mpa
Rear Tyre Pressure后轮气压		0.35Mpa
Max.Travel Speed最高车速		24km/h
Brake System制动系统		
Traveling Brake行车制动		Air tropped oil clamp disk , external , Self-adjusting , self-balancing
Parking Brake驻车制动		Manual Brake
System Pressure系统压力		
Loading Hydraulic System装载液压系统		20Mpa
Excavation Hydraulic System挖掘液压系统		20Mpa
Steering Hydraulic System转向液压系统		14Mpa



MC886H

This multifunctional MC886H Backhoe loader can not only perform excavating operation, but also can be used for loading and transporting.

It is extremely popular in Western countries.The standard type is equipped with the Yuchai 75kW engine.

Yuchai engine, four-wheel steering, crab-shaped walking, front and rear mechanical operation, air conditioning, pre-heating, Jinan hydraulic pump, Eaton steering gear, priority valve, Qingzhou gearbox and Axle, reversing camera.

这款多功能MC886H挖掘装载机不仅能进行挖掘作业，还能用于装载和运输。

它在西方国家非常受欢迎。标准型号配备玉柴75千瓦发动机。

玉柴发动机，四轮转向，蟹行行走，前后机械操作，空调，预热，济南液压泵，伊顿转向器，优先阀，青州变速箱及桥，倒车摄像头。



技术参数

Machine Detailed Parameters

Overall Dimensions总体尺寸		
Overall Dimension (L×W×H) 整车操作质量		6450×2530×3940mm
Operating Weight 整机外形尺寸		10300KG
Wheel Base轴距		2335±10mm
Wheel Tread 轮距		2139±10mm
Performance性能		
Load main technical parameter装载机主要参数	Load Bucket Capacity 装载斗容	1.2m³
	Load Breakout Force 掘起力	47KN
	Load Lifting Capacity 装载举升能力	2500KG
	Bucket Unloading Height 铲斗卸载高度	3100mm±50mm
	Bucket Unloading Distance 铲斗卸载距离	900mm±20mm
Digging main technical parameters挖掘机主要参数	Backhoe Bucket Capacity 反铲斗容	0.3m³
	Backhoe Digging force 挖斗挖掘力	50KN
	Backhoe Swing Angle 挖掘回转角	180°
	Bucket Unloading height 挖斗卸载高度	3640±20mm
	Max. Digging Depth 最大挖掘深度	4540±20mm
	Max.Traction Force 最大牵引力	76KN
Engine发动机		
Model型号		WeiChai WC4A105Z-T20
Type形式		Inline direct injection,water-cooled,turbocharged,four stoke
Cylinders-Inner Diameter×Stroke 气缸数-内径×行程		4-108×132mm
Rated Power 额定功率		75KW
Rated Speed 额定转速		2200r/min
Min.fuel consumption 最低燃油率		230g/kw.h
Max.torque 最大扭矩		400N.m
Displacement 排量		4.8L
Steering System转向系统		
Type型式		Hydraulic steering
Diverter Model 转向器型号		BZZ-250
Pump Delivery 工作泵排量		63ml/r
Pump Model 工作泵型号		CBG2063
Steering Angle 转向角		±36°
Min.Turning Radius 最小转弯半径		6581mm
Transmission传动系统		
Gearbox 变速箱		Mechanically Operated Hydraulic Synchronized Shift
Model 型号		15
Gears 档位数		4F、4R
Hydraulic Torque Converter 液力变矩器		YJ290
Inlet Pressure 进口压力		0.5~0.65Pa
Outlet Pressure 出口压力		2.0~2.3Pa
Cooling Mode 冷却方式		Oil-Cooling Pressure Circulation
Pump Delivery 流量		40m/r
Tyre 轮胎		
Front/Rear Mode 前/后规格		16.9/28/19.5L-24
Front Tyre Pressure 前轮气压		0.4Mpa
Rear Tyre Pressure 后轮气压		0.35Mpa
Max.Travel Speed 最高车速		38km/h
Brake System 制动系统		
Traveling Brake 行车制动		Air tropped oil clamp disk, external, Self-adjusting, self-balancing
Parking Brake 驻车制动		Manual Brake
Oil capacity 油箱容量		
Hydraulic oil tank 液压油箱		125L
Fuel tank 柴油箱		125L



MC886T

To adopt the gearbox and torque converter to provide a super power, walking stesdily and higher reliability, high tansmission efficiency, long life.

To combined excavator and loader as one machine, fully equipped with all function of mini excavator ad loader, more suitable for operating in a narrow space, convenient and flexible, reducing the whole purchase cost.

Excavation and loading function are pilot control, light and high efficiency.

Excavation slideslip device make the excavation operations broader and more efficient. For municipal, building, water conservancy, road, water, electricity, garden and other departments, engaged in agricultural, pipe laying, cable laying, landscaping and other jobs.

采用变速箱和液力变矩器，动力强劲，行走平稳，可靠性更高，传动效率高，使用寿命长。

集挖掘机和装载机于一体，具备小型挖掘机和装载机的所有功能，更适合在狭窄空间内作业，便捷灵活，降低整体购置成本。

挖掘和装载功能采用先导控制，轻便高效。

挖掘滑移装置使挖掘作业范围更广，效率更高。适用于市政、建筑、水利、公路、水利、电力、园林等部门，从事农业、管道铺设、电缆铺设、园林绿化等作业。



技术参数

Machine Detailed Parameters

Transport Dimension 运输尺寸	
Overall Operating Weight 整机操作重量	8200KG
L*W*H 长×宽×高	6150×2250×3763mm
轴距 Wheel base	2200mm
Min. Ground Clearance 最小离地间隙	300mm
Bucket Capacity 装载斗容	1.0m ³
Breakout Force 掘起力	38KN
Loading Lifting Capacity 装载举升能力	2500KG
Bucket Dumping Height 铲斗卸载高度	2742mm
Bucket Dumping Distance 铲斗卸载距离	1062mm
Digging Depth 铲挖深度	52mm
Backhoe Capacity 反铲斗容	0.3 m ³
Max. Digging Depth 最大挖掘深度	4082mm
Swing Angle of Excavator Grab 挖斗回转角	190°
Max. Pulling Force 最大牵引力	39KN
发动机Engine	
Model 型号	Yuchai engine YC4A105Z-T20
Type 型式	cylinder, 4 stoke, inline, direct injection 四冲程、四缸、直喷、
气缸数-内径Cylinder-Inside Diameter	4-105
Rated Power 额定功率	75 KW
Rated Speed 额定转速	2200r/min
Min. Fuel Consumption 最低燃油率	≤239g/km.h
Max.Torque 最大扭矩	≥285N.M/1500r/min
Displacement 排量	4.33L
Steering System 转向系统	
Model of Steering Device 转向器型号	BZZ5-250
Steering Angle 转向角	±36 °
Min. turning radius 最小转弯半径	6581mm
Pressure of the system 系统压力	12Mpa
Axle 驱动桥	
Main Transmission Type 主传动型式	Double Reduction双级减速式
Transmission System 传动系统	
Final Reducer 轮边减速型式	Single Stage Final Reducer 一级轮边减速
Rated Loader of Axle 额定桥载荷	4/18.5t
Torque Converter 变矩器	
Model 型号	YJ280
Type 型式	Single-stage Three Elements 单级、单相三元件
Max. Efficiency 最高效率	84.40%
Inlet Pressure 进口压力	0.4Mpa—0.55 Mpa
Outlet Pressure 出口压力	1.2Mpa—1.5 Mpa
Cooling Method 冷却方式	Oil-cooling Pressure Circulation 油冷压力循环
Gearbox 变速箱	
Type 型式	Fixed Shaft Power Transmission 定轴式动力换挡
Oil Pressure of Clutch 定轴式动力换挡	1373Kpa—1569 Kpa
Gears 档位数	Two Gears Ahead, Two Gears Astern 前进2档，后退2档
Max.Speed 最高车速	22Km/h
Tyre 轮胎	
Model 规格	14-17.5/19.5L-24
Pressure of Front wheel 前轮气压	0.22 Mpa
Pressure of Back Wheel 后轮气压	0.22 Mpa