

BF TECNIC
PROFESSIONAL MACHINES



Configuration

Yanmar3TNV88 euro3 engine, Power: 20.2kw
Electric joystick, Floating function, Preheater,
Back sound/warning light, Standard bucket,
Quick hitch, Package: 4sets/20GP,
Hydrostatic transmission



Engine	CHANGCHAI ZN390Q
Number of cylinder	3
Rated power (KW)	25
L×W×H (mm)	4200*1600*2600
Bucket capacity (m ³)	0.5
Bucket load (t)	0.8
Operation weight (t)	2.5
Standard Tire type	750-16
Transmission Type	Hydraulic torque converter
Packing	1 set/20GP 4 sets/40HQ
Configuration	4 wheel drive, Joystick, floating function, heater, 220V engine preheat, 2 LED light, Europe cabin, warning light, standard bucket, adjustable steering wheel and seat, bucket can be level automatic, back sound, radio, fan, hand brake, extinguisher, window hammer, free parts and tool kit



Engine	Xinchai A498BT1(Euro III)
Number of cylinder	4
Rated power (KW)	37
L×W×H (mm)	5280x1700x2680
Bucket capacity (m ³)	0.7
Bucket load (t)	1.6
Operation weight (t)	4
Standard Tire type	20.5/70-16
Transmission Type	hydraulic torque converter
Packing	1 set/20GP 3 sets/40HQ
Configuration	4WD, 2 LED lights, floating function, Varta battery, hydraulic joystick, Tipping Cabin, Wheel-reducer Axle, Rops&Fops Cabin,Luxury Cabin Interior, heater, 4 wheel drive, 220V engine preheat. warning light, adjustable steering wheel and seat, bucket can be level automatic, back sound, radio, fan, hand brake, extinguisher, window hammer, standard bucket, free parts and tool kit



Engine	YTO 4108 TURBO engine
Number of cylinder	4
Rated power (KW)	85
L×W×H (mm)	6500x2100x3050
Bucket capacity (m ³)	1.5
Bucket load (t)	2.8
Operation weight (t)	6.5
Standard Tire type	16/70-24
Transmission Type	hydraulic torque converter
Packing	1 set/40HQ 2 sets/20GP+40HQ
Configuration	4WD, floating function, heater, 220V engine preheat, LED light Tipping Cabin, Rops&Fops Cabin, Luxury Cabin, hydraulic joystick, standard bucket, warning light, 4 wheel drive, adjustable steering wheel and seat, bucket can be level automatic, back sound, radio, fan, hand brake, extinguisher, window hammer, standard bucket, free parts and tool kit



Weight (kg)	750
Lifting force (kg)	250
Overall dimensions LxWxH (mm)	1600x1150x1200
Engine	2 cylinder, Briggs & Stratton petrol, 23kW
Hydraulic pressure (MPa)	150
Configuration	Quick coupler, 3rd & 4th control circuit Agricultural tires, Standard scoop, Lighting Electric starter



Power Type	Electric
Rated Capacity (kg)	2000
Max Lift Height (mm)	3000
Load Centre (mm)	500
Tire type	Pneumatic
Tire number	2X/2
Front Tire	21×8-9-16PR
Rear Tire	18×7-8-14PR
Mast type	2 stage
Mast Lowered Height (mm)	1995
Mast Extended Height (mm)	4030
Overall length (Without fork) (mm)	3390
Overall Width (mm)	1160
Wheelbase (mm)	1500
Fork Size (mm)	1070×100×40
Aisle Width(1000×1200) (mm)	3720
Turning Radius (mm)	2100
Drive Motor	AC
Drive Motor Power (kw)	6.8
Lift Motor	DC
Lift Motor Power (kw)	7.5
Battery (V/Ah)	48/490
Controller	Curtis
Max Grade Ability (%)	10/12
Battery Weight (kg)	750
Service Weight (kg)	2000
Steering Type	Hydraulic



Rated load	2500kg
Engine	Xinchai490
Number of cylinder	4
Rated power (KW)	40kw
Overall dimens. L×W×H (mm) with fork	3650x1160x4220
Fuel type	Diesel
Front tire	7-12-12PR
Rear tire	6-9-10 PR
Fork Dimension(mm)	1070x122x40
Ground clearance(mm)	120
Lift height(mm)	3000
Max travel speed	19 km/h
Mast extended height(mm)	4220
Mast lowered height(mm)	2060



Power Type	Electric
Rated Capacity (kg)	3500
Max Lift Height (mm)	3000
Load Centre (mm)	500
Tire type	Solider
Tire number	2X/2
Front Tire	23×10-12-8.00
Rear Tire	18×7-8-4.33
Mast type	2 stage
Mast Lowered Height (mm)	2100
Mast Extended Height (mm)	4130
Overall length (Without fork) (mm)	3770
Overall Width (mm)	1330
Wheelbase (mm)	1800
Fork Size (mm)	1070×125×50
Aisle Width(1000×1200) (mm)	4190
Turning Radius (mm)	2450
Drive Motor	AC
Drive Motor Power (kw)	10.75
Lift Motor	DC
Lift Motor Power (kw)	13
Battery (V/Ah)	80/400
Controller	Curtis
Max Grade Ability (%)	10/12
Battery Weight (kg)	1070
Service Weight (kg)	5170
Steering Type	Hydraulic



Rated capacity (kg)	3000
The handle from the max. height (mm)	1330
Lifting height (mm)	120
Fork clearance from the ground (mm)	85
Overall length - pedal open/closed (mm)	2405 / 2002
Wheel base (mm)	1550
Bearing distance (mm)	985
Fork size L/e/s (mm)	1150x175x75
Overall width (mm)	850
Forks spread (mm)	685
Inner width of forks (mm)	335
Tread front / rear (mm)	510 / 618
Pedal width (mm)	547
Turning radius (mm)	2240 / 1845
Travel speed - loaded/unloaded (km/h)	4.6 / 5.6
Lift speed - loaded / unloaded (mm/s)	33 / 43
Lowering speed - load. / unload. (mm/s)	43 / 43
Gradeability - loaded / unloaded (%)	6/10
Drive motor type	AC
Driving motor (kw)	1.5
Lift motor type	DC
Lifting motor (kw)	2.0
Battery voltage / capacity (V/Ah)	24/210
Battery weight (kg)	200
Service weight (kg)	640
Steering type	Mechanical
Parking brake model	Electromagnetic



The brake override, feature on MIMA stackers allows travel (creep speed) with the handle in a near vertical position while staying within the geometry of the truck. This provides exceptional maneuverability in extremely restricted areas.

Narrow aisle maneuverability

Max. loading capacity	1500kg
Max. lifting height	3500mm



Max. loading capacity
Standard:
Optional:

1000kg
vertical drive
tilt function, large capacity battery, arm rest



Engine	YT4B2-G60Q (YUCHAI ENGINE)
Number of cylinder	4
Rated power (KW)	55
L×W×H (mm)	5919x2217x3764
Bucket capacity (m ³)	1
Bucket load (t)	2,5
Operation weight (t)	8125
Standard Tire type	14-17.5
Transmission Type	Hydraulic torque converter
Packing	1 set / 40HQ
Configuration	Torque converter, hydraulic joystick, 4 wheel drive, Joystick, floating function, warning light, adjustable steering wheel and seat, bucket can be level automatic, back sound, radio, fan, hand brake, extinguisher, window hammer, radio and USB, standard bucket and backhoe



Engine	Xinchai A498BT1 (Euro III)
Number of cylinder	4
Rated power (KW)	37
L×W×H (mm)	5100x1960x2900
Bucket capacity (m ³)	0,7
Bucket load (t)	1,6
Operation weight (t)	4900
Standard Tire type	20.5-16
Transmission Type	Hydraulic torque converter
Packing	2 sets / 40HQ
Configuration	Torque converter, hydraulic joystick, 4 wheel drive, Joystick, floating function, warning light, adjustable steering wheel and seat, bucket can be level automatic, back sound, radio, fan, hand brake, extinguisher, window hammer, radio and USB, standard bucket and backhoe



Engine model	Xinchai 498
Rated power (kw)	37
Rated speed (rpm)	2200
Rated load (kg)	850
Rated bucket capacity (m ³)	0,5
Overall size LxWxH (mm)	3480x1820x2080
Wheel base (mm)	991
Track width (mm)	1500
Max. travel speed (km/h)	12
Max. dump height (mm)	2330
Operation weight (kg)	3200
Tyre	12-16.5
Configuration	With XINCHAI 498 Euro3 engine, 37kw, 12-16.5 tires, enclosed cab, standard bucket 74", hydraulic brake, Italy Multi-way valve, Italy fastre quick hitch coupler, America Eton, pump, America Eton motor



Engine	ZN390Q 3-cylinder Engine
Rated power (kw/rpm)	25/2600
Cooling type	Water cooled
Fuel tank capacity (L)	40
Overall dimensions LxWxH	4090x1200x2224
Min.Ground Clearance (mm)	185
Track Gauge (mm)	950
Track Width (mm)	230
Track ground length (mm)	1250
Total Weight (Kg)	2200
Bucket Width (mm)	490
Max.Digging Height (mm)	3800
Max.Digging Radius (mm)	4187
Max.Digging Depth (mm)	2150
Max.Dumping Height (mm)	2660
Slewing Angle	360°
Grade ability	25°
Travel Speed (km/h)	2
Bucket Capacity (m ³)	0.08
Swing angle of arm Left/Right(°)	70/50
Bucket digging force(KN)	26
Ground Pressure (Kpa)	34
Swing Speed(rpm)	10
Min.Swing radius(mm)	1200
Main Pump	Single pump
Main Pressure (Mpa)	25
Max.RPM of the pump (r/min)	2500
Pump Displacement (L/min)	25



Engine	Laidong 3TE25 / 3 cylinder
Rated power (kw/rpm)	18.4 / 2350
Cooling type	Water cooled
Swing speed (rpm)	10-12
Traveling speed (km/h)	2.8
Grade ability (%)	70(35°)
Traveling Tracking Force (kN)	15
Bucket Digging Force (kN)	11.5
Arm Digging Force (kN)	9.3
Hydraulic system working pressure (Mpa)	16
Hydraulic Pump (gear pump)	TJHD
Hydraulic pump flow (l/min)	2×22+8.8
Swing Motor	Eaton
Traveling Motor	Eaton
Fuel Tank Capacity (L)	26
Hydraulic Tank Capacity (L)	27
Overall Dimensions LxWxH (mm)	3800x1050x2280
Ground clearance (mm)	485
Track length (mm)	1630
Track width (mm)	230
Undercarriage width (mm)	1050
Undercarriage ground clearance (mm)	235
Dozer Blade (mm)	1050x240
Operation Weight (kg)	1800
Bucket Capacity (m³)	0.1
Max. Digging Radius (mm)	3860
Max. Digging Depth (mm)	2050
Max. Digging Height (mm)	3370
Max. Dumping Height (mm)	2390
Max. Dozer Cutting (mm)	270
Max. Dozer Lifting (mm)	235
Boom Deflexion (Left/Right) (°)	75/45
Tail Swing Radius (mm)	1125
Front Min. Swing Radius (mm)	1720



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