MUSTANG®

ARTICULATED LOADERS

106 ▲ 306 ▲ 406 ▲ 506

IN THE BEGINNING

What began in the 19th century as an agricultural implement manufacturer has grown into a 21st century compact equipment powerhouse – Mustang Compact Equipment.

Known in the early years as the Owatonna Manufacturing Company, Mustang was among the first to make what is known today as the skid steer loader. Since that time, Mustang has combined old-school experience with innovative processes to offer one of the broadest lines of compact equipment available today.

MUSTANG. THE ORIGINAL WORKHORSE.

FLEXIBLE WORKHORSES

MUSTANG®

From the farm to the jobsite and everywhere in between, the Articulated Loaders from Mustang provide the flexibility necessary to conquer a wide variety of tasks. Versatile and compact, the articulated loaders maneuver freely, even in tight places. Due to their 45 degree articulated steering design, these machines inflict minimal ground damage, even to sensitive surfaces.

Built with the same level of quality and workmanship found on the Mustang skid steer loaders, the Articulated Loaders provide superior maneuverability, high load capacities, and extreme flexibility.

SUPERIOR MANEUVERABILITY ▲ Articulated steerings angles of 45 degrees offer acces to narrow places other machines can't gain access. A consistent turning radius means that where the front goes, the rear follows.

FULL CAPACITY ▲ Articulated Loaders from Mustang may be compact in size, but not in strength. Rated operating capacities up to 1161 kg on the 506 bring major power to jobs in tight confines and on sensitive surfaces

EXTREME FLEXIBILITY ▲ Universal-type attachment bracket fits most skid steer loader attachments, expanding the work tool selection that can be utilized.

106 ▲ 306 ▲ 406 ▲ 506

TURNING INACCESSIBLE INTO EASY ACCESS

106

306

406

506

Intelligent design and advanced engineering provide increased performance and handy, time saving features.

PRECISE MOVEMENT ▲ An inching pedal allows an operator to vary the ground speed while maintaining a fixed engine speed. This allows for precise control of attachment performance.

MAINTAIN TRACTION ▲ A hydraulically-actuated differential lock on the axles of the 306, 406 and 506 transfer power to a slipping wheel to one hundred percent traction drive. The 106 offers a limited slip differential.

POWERFUL HYDRAULICS ▲ Work hydraulics up to 57 L/min power a wide variety of attachments, increasing flexibility and productivity.

CYCLE THROUGH ▲ your daily tasks with fast cycle times. Quick load, lift, dump and return actions allow you to get more done in less time. A two-speed option on the 306, 406, and 506 increases productivity even more with travel speeds up to 20 km/hr.

MULTI-FUNCTION JOYSTICK ▲ controls lift arm, bucket, and auxiliary hydraulic functions, as well as the float function. Travel direction, differential lock functions and two-speed are activated by switches and push buttons on the joystick.

SERVICE ACCESS ▲ is made easy with a large engine hood that provides access to the engine, coolant and hydraulic oil. A tiltable, gas-spring assisted, iso-mounted operator platform lifts for easy maintenance access to the hydraulics and battery.

DEMAND SMART DESIGN

STAY GROUNDED ▲ with an oscillating chassis, 10 degrees in either direction, that maintains machine traction. Even on uneven terrain, the oscillation keeps the tires in contact with the ground.

POWERFUL, INDUSTRY-PROVEN ▲ Yanmar diesel engines meet engine emmissions standards and provide excellent performance in a wide variety of applications and climates.

AN INTELLIGENT DESIGN ▲ ensures that the hydraulic hose lines and loader linkage cleverly recess into the lift arm when raised to full height, protecting the hydraulic lines when lifting or dumping.

CLIMB INTO THE SADDLE

INSTRUMENT PANEL ▲ Electronic instrument panel is centered on the steering column for easy monitoring.

CLIMATE CONTROL ▲ A heating system comes standard on cab models. On the model 506, air-conditioning is available.

ROAD LIGHTS ▲ The optional road light system provides added safety when travelling from one site to another.

EXCELLENT VISIBILITY ▲ Spacious surface window area on the cab models allow for excellent, 360 degree visibility.

VENTILATION ▲ Cab doors have an extended latch design, allowing them to be left partially open for ventilation.

Operator comfort is the key to obtaining maximum productivity. That's why Mustang provides a variety of options that customizes the cab to YOUR needs.

TWO-POST
with FOPS protection

FOUR-POST

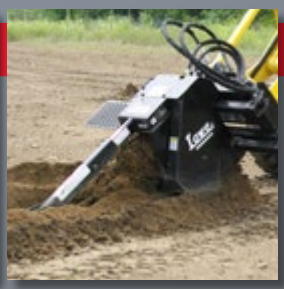
CAB

The inching pedal allows ground speed to vary while maintaining a fixed engine speed, providing extra pushing power.

Foot throttle allows the operator to easily control engine speed. A hand throttle comes standard on models 306, 406 and 506.

Multi-function joystick controls lift arm, bucket and float functions, as well as travel direction and auxiliary hydraulics. On models 306, 406 and 506, it controls two-speed and differential lock.

Standard suspension seat provides the operator with a comfortable ride, even on rough terrain.



TIME IS MONEY
GET ATTACHED

Time is precious on the jobsite. Mustang realizes this and has made it simple and fast to hook up a wide variety of available attachments.

All Articulated Loaders feature the easy-to-use Multi-Tach® quick-attach attachment mounting system. It is a universal-type system that is fast and easy to use and compatible with most attachments, increasing versatility.

A hydraulic-powered Power-A-Tach® quick-attach mounting system adds the convenience of mounting and dismounting attachments from the operator's seat.

Flat-faced auxiliary couplers allow drip-free connections from attachment hoses.

MUSTANG®

With a wide variety of MUSTANG attachments available from your dealer, Articulated Loaders are easily transformed to meet the needs of your business.

	106 2-POST	106 4-POST	306 2-POST	306 4-POST	306 CAB	406 2-POST	406 4-POST	506 2-POST	506 4-POST	506 CAB
STRUCTURE										
Two-Post Canopy	○		○[1]			○[1]		○[1]		
Four-Post Canopy		○		○			○		○	
Cab					●					●
PERFORMANCE										
All-Tach® Attachment Mounting System	○	○	○	○	○	○	○	○	○	○
Power-A-Tach® Attachment Mounting System	●	●	●	●	●	●	●	●	●	●
Euro 8 Attachment Mounting System	●	●	●	●	●	●	●	●	●	●
4-point Attachment Mounting System	●	●	●	●	●	●	●	●	●	●
Counterweight	●	●	●	●	●	●	●	○	○	○
Hydrostatic Drive System, One-Speed with Anti-Stall	○	○								
Hydrostatic Drive System, Two-Speed with Anti-Stall			○	○	○	○	○	○	○	○
Inching Pedal	○	○	○	○	○	○	○	○	○	○
Parallel Loader Linkage, Two-way w/ Self-leveling	○	○	○	○	○	○	○			
Z-bar Loader Linkage w/ Limited Self-leveling								○	○	○
ENGINE										
Start-Assist Glow Plugs	○	○	○	○	○	○	○	○	○	○
ELECTRICAL SYSTEM										
12-volt Battery	○	○	○	○	○	○	○	○	○	○
Instrument Panel – Basic	○	○								
Instrument Panel – Deluxe			○	○	○	○	○	○	○	○
Battery Disconnect	○	○	○	○	○	○	○	○	○	○
OPERATOR STATION										
Adjustable 2-inch Seat Belt	○	○	○	○	○	○	○	○	○	○
Horn	○	○	○	○	○	○	○	○	○	○
Heating					●					●
Air Conditioning										●
Back-Up Alarm	●	●	●	●	●	●	●	●	●	●
Dual-Element Air Cleaner with Indicator	○	○	○	○	○	○	○	○	○	○
Adjustable Seat - 5-Way	○	○	○	○	○	○	○	○	○	○
Multi-Function Joystick Control	○	○	○	○	○	○	○	○	○	○
Operator Presence Seat Switch	○	○	○	○	○	○	○	○	○	○
Sound Reduction Package	○	○	○	○	○	○	○	○	○	○
Tiltable, Deluxe Steering Column	●	●	○	○	○	○	○	○	○	○
SERVICE										
Tiltable Operator's Platform	○	○	○	○	○	○	○	○	○	○
Lockable Engine Cover / Fuel Cap	○	○	○	○	○	○	○	○	○	○
WORK LIGHTS										
Work Lights - Front and Rear	○	○	○	○	○	○	○	○	○	○

○ STANDARD ● OPTIONAL

[1] With removable FOPS protection

106 ▲ 306 ▲ 406 ▲ 506

	SPECIFICATIONS	106 – 2-Post**	106 – 4-Post	306 – 2-Post w/ FOPS Protection	306 – 4-Post	306 – Cab	406 – 2-Post w/ FOPS Protection	406 – 4-Post	506 – 2-Post w/ FOPS Protection	506 – 4-Post	506 – Cab
DIMENSIONS	A. Length with Bucket on Ground	3419 mm	3419 mm	4050 mm	4050 mm	4050 mm	4224 mm	4224 mm	4511 mm	4511 mm	4511 mm
	B. Shipping Length	2741 mm	2741 mm	3351 mm	3351 mm	3351 mm	3550 mm	3550 mm	3790 mm	3790 mm	3790 mm
	C. Front Wheel Center to Pivot Pin	489 mm	489 mm	517 mm	517 mm	517 mm	570 mm	570 mm	723 mm	723 mm	723 mm
	D. Wheelbase	1348 mm	1348 mm	1627 mm	1627 mm	1627 mm	1617 mm	1617 mm	1741 mm	1741 mm	1741 mm
	E. Rear Overhang	738 mm	738 mm	1065 mm	1065 mm	1065 mm	1184 mm	1184 mm	1184 mm	1184 mm	1184 mm
	F. Height to Top of Cab	2340 mm	2340 mm	2451 mm	2257 mm	2257 mm	2504 mm	2310 mm	2504 mm	2310 mm	2310 mm
	G. Height with FOPS Removed and ROPS Folded			1867 mm			1920 mm		1920 mm		
	H. Hood Height	1359 mm	1359 mm	1468 mm	1468 mm	1468 mm	1521 mm	1521 mm	1521 mm	1521 mm	1521 mm
	J. Maximum Reach Height	3277 mm	3277 mm	3415 mm	3415 mm	3415 mm	3550 mm	3550 mm	3617 mm	3617 mm	3617 mm
	K. Bucket Hinge Pin Height	2705 mm	2705 mm	2855 mm	2855 mm	2855 mm	3002 mm	3002 mm	3055 mm	3055 mm	3055 mm
	L. Ground Plane to Bucket Edge Height	2504 mm	2504 mm	2650 mm	2650 mm	2650 mm	2770 mm	2770 mm	2860 mm	2860 mm	2860 mm
	M. Dump Clearance at Full Height	1969 mm	1969 mm	2143 mm	2143 mm	2143 mm	2215 mm	2215 mm	2300 mm	2300 mm	2300 mm
	N. Dump Reach at Full Height	394 mm	394 mm	312 mm	312 mm	312 mm	267 mm	267 mm	445 mm	445 mm	445 mm
	P. Width over Tires (Min./Max.)	900 / 1049 mm	900 / 1049 mm	1060 / 1380 mm	1060 / 1380 mm	1060 / 1380 mm	1190 / 1465 mm	1190 / 1465 mm	1190 / 1465 mm	1190 / 1465 mm	1190 / 1465 mm
	R. ROPS Width	824 mm	786 mm	990 mm	1030 mm	1081 mm	985 mm	1030 mm	985 mm	1030 mm	1081 mm
	S. Ground Clearance	191 mm	191 mm	244 mm	244 mm	244 mm	246 mm	246 mm	265 mm	265 mm	265 mm
	T. Turning Radius with Bucket	2530 mm	2530 mm	3000 mm	3000 mm	3000 mm	3123 mm	3123 mm	3220 mm	3220 mm	3220 mm
	U. Outer Turning Radius	2100 mm	2100 mm	2630 mm	2630 mm	2630 mm	2643 mm	2643 mm	2750 mm	2750 mm	2750 mm
	V. Inner Turning Radius	1120 mm	1120 mm	1322 mm	1322 mm	1322 mm	1365 mm	1365 mm	1365 mm	1365 mm	1365 mm
	W. Articulation Angle from Center	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°
	X. Rollback at Height	40°	40°	39.7°	39.7°	39.7°	45°	45°	45°	45°	45°
	Y. Maximum Dump Angle at Full Height	45°	45°	43°	43°	43°	53°	53°	47°	47°	47°
	Z. Bucket Rollback at Ground	40°	40°	37°	37°	37°	40°	40°	40°	40°	40°
	AA. Attachment Pivot Clearance	197 mm	197 mm	215 mm	215 mm	215 mm	203 mm	203 mm	212 mm	212 mm	212 mm
	BB. Wheel Radius	324 mm	324 mm	383 mm	383 mm	383 mm	385 mm	385 mm	405 mm	405 mm	405 mm
	CC. Bucket Width - standard	1118 mm	1118 mm	1372 mm	1372 mm	1372 mm	1524 mm	1524 mm	1524 mm	1524 mm	1524 mm
ENGINE	Engine Manufacturer	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
	Model / Number of Cylinders	3TNV76* / 3	3TNV76* / 3	3TNV88* / 3	3TNV88* / 3	3TNV88* / 3	4TNV88* / 4	4TNV88* / 4	4TNV88* / 4	4TNV88* / 4	4TNV88* / 4
	Displacement	1.1 cm^3	1.1 cm^3	1.6 cm^3	1.6 cm^3	1.6 cm^3	2.2 cm^3	2.2 cm^3	2.2 cm^3	2.2 cm^3	2.2 cm^3
	Net Power (kw) @ 2800 rpm	23.9 hp (17.8)	23.9 hp (17.8)	35 hp (26)	35 hp (26)	35 hp (26)	47 hp (35)	47 hp (35)	47 hp (35)	47 hp (35)	47 hp (35)
LOAD CAPACITIES	Rated Operating Capacity with Bucket[1]	435 kg	435 kg	798 kg	834 kg	860 kg	901 kg	901 kg	1118 kg	1145 kg	1165 kg
	Static Tipping Load with Bucket										
	Straight	873 kg	875 kg	1597 kg	1670 kg	1721 kg	1802 kg	1839 kg	1993 kg	2151 kg	2288 kg
	Full Turn	692 kg	702 kg	1244 kg	1280 kg	1319 kg	1181 kg	1205 kg	1357 kg	1433 kg	1507 kg
	Static Tipping Load with Pallet Forks										
	Straight	655 kg	666 kg	1098 kg	1169 kg	1247 kg	1332 kg	1480 kg	1532 kg	1669 kg	1757 kg
	Full Turn	524 kg	523 kg	857 kg	909 kg	977 kg	874 kg	971 kg	1041 kg	1111 kg	1169 kg
	Bucket Breakout	10.8 kN	10.8 kN	25.4 kN	25.4 kN	25.4 kN	24.12 kN	24.12 kN	47.8 kN	47.8 kN	47.8 kN
	Operating Weight	1744 kg	1744 kg	2472 kg	2520 kg	2649 kg	2740 kg	2790 kg	3307 kg	3388 kg	3502 kg
HYDRAULICS	Work Hydraulic System Flow	30 L/min	30 L/min	45 L/min	45 L/min	45 L/min	57 L/min	57 L/min	57 L/min	57 L/min	57 L/min
	Work Hydraulic System Pressure	207 bar	207 bar	207 bar	207 bar	207 bar	207 bar	207 bar	207 bar	207 bar	207 bar
	Drive Hydraulic System Pressure	320 bar	320 bar	345 bar	345 bar	345 bar	410 bar	410 bar	410 bar	410 bar	410 bar
	Drive Hydraulic Reservoir Capacity	34 L	34 L	26 L	26 L	26 L	42 L	42 L	42 L	42 L	42 L
OTHER	Battery	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA
	Fuel Tank Capacity	26 L	26 L	57 L	57 L	57 L	68 L	68 L	68 L	68 L	68 L
	Travel Speed	12.5 km/hr	12.5 km/hr	18.5 km/hr	18.5 km/hr	18.5 km/hr	20 km/hr	20 km/hr	20 km/hr	20 km/hr	20 km/hr
	Tire Size	27x10.50-15	27x10.50-15	10x16.5 EM	10x16.5 EM	10x16.5 EM	12.00x16.5	12.00x16.5	31x15.5x16.5	31x15.5x16.5	31x15.5x16.5
SOUND	Sound Power	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)
	Sound Pressure	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)
VIBRATION	Hand-Arm	1.37 m/s²	1.37 m/s²	1.15 m/s²	1.15 m/s²	1.15 m/s²	3.18 m/s²	3.18 m/s²	3.18 m/s²	3.18 m/s²	3.18 m/s²
	Hand-Arm Action Value	2.5 m/s²	2.5 m/s²	2.5 m/s²	2.5 m/s²	2.5 m/s²	2.5 m/s²	2.5 m/s²	2.5 m/s²	2.5 m/s²	2.5 m/s²
	Whole Body	0.82 m/s²	0.82 m/s²	0.89 m/s²	0.89 m/s²	0.89 m/s²	0.71 m/s²	0.71 m/s²	0.71 m/s²	0.71 m/s²	0.71 m/s²
	Whole Body Action Value	0.5 m/s²	0.5 m/s²	0.5 m/s²	0.5 m/s²	0.5 m/s²	0.5 m/s²	0.5 m/s²	0.5 m/s²	0.5 m/s²	0.5 m/s²

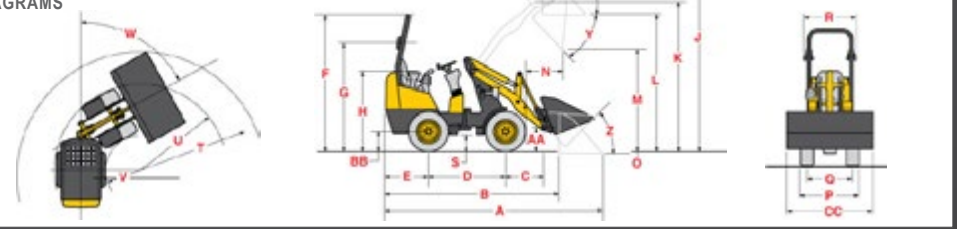
Mustang reserves the right to make changes in specifications at any time without notice or obligation.

1 - Capacities per ISO 6016 standards

** - Not available in all areas

* - Stage 3A Engine

REFERENCE DIAGRAMS



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