

# SKID-STEER



**2099 & 2109 MODEL  
SKID-STEER LOADERS**





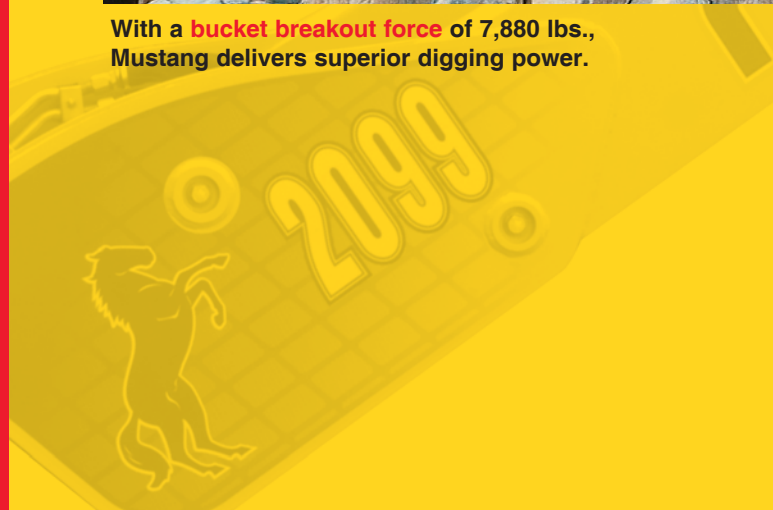
## 2099 & 2109 MODELS

### Mustang outperforms the competition in quality and performance

The Mustang **2099** and **2109** feature the highest lift height in the industry at 142 inches. A rated operating load of 3,400 lbs. for the 2099 and 3,675 lbs. for the 2109, plus a bucket breakout force of 7,880 lbs., proves Mustang is one of the strongest in the industry. The 2099 features an 86 hp Perkins diesel engine, and the 2109 features a 115 hp turbo-charged Perkins diesel engine. An optional 2-speed transmission on both models allows travel speeds of up to 13 mph with the 2109 and 11 mph for the 2099. For over 40 years, Mustang Manufacturing Company, Inc., has been delivering the best-performing, highest-quality compact construction equipment in the market. Today, Mustang supplies superior products and services to customers in 39 countries worldwide. With a total focus on quality, a commitment to excellence, and a trademark spirit of innovation, Mustang is dedicated to setting the standard in quality and performance in the skid-steer market.



With a **bucket breakout force** of 7,880 lbs., Mustang delivers superior digging power.







Outlift the competition with 142 inches of vertical lifting height — the highest in the industry!

The **round-back bucket design** is stronger with no angled corners. This configuration makes it easier to fill and dump — improving productivity.

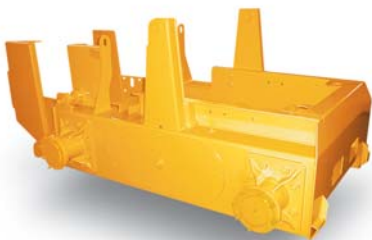


Hi-flow

Standard

**Auxiliary hydraulic couplers** are located in a protected and convenient area for easy connections to all attachments.

**Variable-flow hi-flow hydraulics** (up to 40 gpm) are optional on the 2099 and 2109.



The **rugged all-welded unitized frame** is constructed of .375-inch gauge steel for years of productivity. Step bushings are placed in all key pivot areas to increase strength and reduce stress.



Mustang offers the **Multi-Tach™ attachment mounting system** on all models. The Multi-Tach system is compatible with existing systems in the skid-steer loader industry. With the optional **Power-A-Tach™ mounting system**, the operator can change buckets or attachments without leaving the cab.




Powerful, dependable **direct-drive coupler** transmits all available horsepower to the hydrostatic transmission for maximum performance in all conditions.



The **SAE rated operating load** of the 2099 is 3,400 lbs., and the 2109 is 3,675 lbs., allowing the operator unmatched performance.

# Leading the industry with 142 inches of vertical lift and 3,675 lbs. of rated operating load.



Hydraulic lines are protected within the loader arm.

A wider wheelbase provides for a smooth ride and more balance for stability with heavier loads. A 9.1-inch ground clearance allows easy maneuverability through mud and other terrain.

The ROPS/FOPS structure protects and shields the operator.

A total of four exterior lights helps to illuminate any job site, day or night.

A safety system locks lift, tilt and drive systems when the operator leaves the seat, raises the seat bar, or turns off the ignition switch.

The brakes are wet-type multiple discs that require no maintenance.

Heavy-duty tires are standard — matching the durability of the skid-steer.

Front step located on frame to minimize material entering ROPS cab.





The 2099 features an **86 hp** direct-injected Perkins diesel engine, and the 2109 features a powerful industry-leading **115 hp turbo- charged** direct-injected Perkins diesel engine.

An optional **2-speed transmission** allows travel speeds of up to **11 and 13 mph**, respectively, on the 2099 and 2109.



The **advanced hydraulic system** affords longer service intervals and comes with a sight glass for quick and easy fluid level inspections.

The Mustang **axle torque** is unmatched in the industry. It gives the operator the tractive power to move mountains.

The **easy-to-inspect engine compartment** has removable side panel doors, giving full access to the entire engine, including the control valve, charging system and cooling area. All fluid fill points and filters are readily accessible. Inspecting the air cleaner is easy using the window indicator.



**Radiator and oil cooler are hinged** for easy accessibility.

The entire **ROPS/FOPS** structure lifts up and out of the way, locking in the up position for full and easy access to drive and hydraulic components.

Mustang offers **factory parts** with a fill rate of 97% and with dealers worldwide to keep the equipment running in top form.





## 2099 & 2109 MODELS



### Alone at the top with the Mustang 2099 & 2109 skid-steers



A roomier cab provides more head, shoulder, elbow and leg room for any-size operator. A high-back, contoured operator's seat with retractable seat belt is standard. A suspension seat is optional in both models.



One interior light and four exterior halogen lights allow easier viewing after dark, making work conditions more manageable. A new rear bumper features a hitch point.



A panoramic view from the operator compartment allows for unmatched visibility in all working conditions.



The Mustang ROPS/FOPS certified cab provides a protective and secure work environment for operator safety. Its advanced design comes equipped with a comprehensive safety system featuring warning lights, an audible buzzer and gauges to monitor various operating functions.



The interior noise-dampened cab shields the driver from external distractions and reduces operator fatigue. Deluxe sound package is optional.

The seat bar provides plenty of room for any-size driver and serves as a secondary operator restraint and armrest.

Ergonomically designed control handles with integrated push buttons give the operator precise feel and control. Integrated into these handles are switches that operate the 2-speed drive, ride control, hi-flow hydraulics and horn. A hands-only control option is available.

# Skid-steer cabs designed with the comfort of the operator in mind

Built with more room, the **2099** and **2109** models provide plenty of space for any-size driver. The cab comes complete with a seat bar, which serves as a secondary operator restraint and armrest. The optional suspension seat with lumbar support (optional on the 2099/2109 models) adapts easily to any driver's weight, providing hours of comfortable drive time. Cab temperature is more controllable with four adjustable air vents and a rear tilt window for added ventilation. For year-round comforts, add a full-cab enclosure kit. **Get comfortable with the best in class today!**



The instrument panel is conveniently placed for easy viewing and reach.

The panel has monitoring indicators that keep track of the fuel level, system voltage, engine oil pressure, engine coolant temperature and hydraulic oil temperature.



The Mustang rear window tilts out for added ventilation and can be removed for use as an emergency exit.



A built-in mini toolbox is convenient for all the necessary job site tools.

Four adjustable air vents allow the driver to direct and control heat and air within the cab.

An adjustable auxiliary hydraulic flow valve allows the operator to meter the amount of hydraulic fluid dispensed to any attachment.





2099



2109

## ENGINE

Make	Perkins	Perkins
Model	1104C-44	1104C-E44T (Turbo)
Type	4-cyl.	4-cyl.
Displacement (L)	269 CID (4.4L)	269 CID (4.4L)
Rated Net Power Output (kW)	SAE 86 hp (64) @ 2400 rpm	SAE 115 hp (86) @ 2400 rpm
SAE Rated Torque (Nm)	223 ft. lb. (302) @ 1400 rpm	291 ft. lb. (394) @ 1400 rpm
Battery	12-volt DC, 950 CCA	12-volt DC, 950 CCA
Fuel Tank (L)	29 gal. (110)	29 gal. (110)

## HYDRAULIC SYSTEM

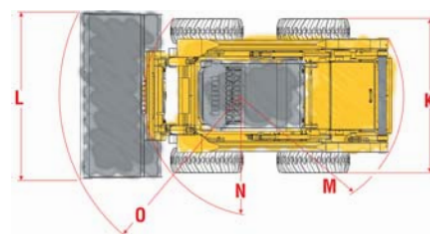
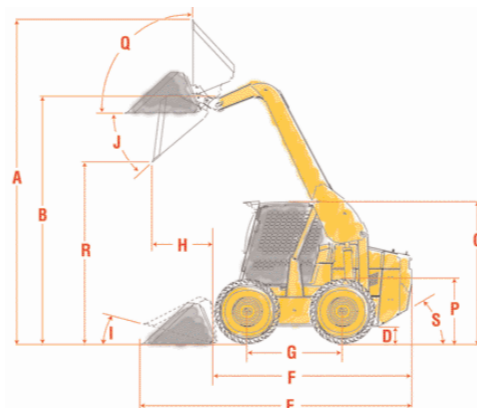
Flow Rate (L/min.)	29 gpm (109.7)	29 gpm (109.7)
Optional Hi-Flow (L/min.)	40 gpm (151.4)	40 gpm (151.4)
Working Pressure (bar)	3300 psi (228)	3300 psi (228)
Hydraulic Reservoir (L)	13 gal (49)	13 gal (49)
SAE Breakout Force (kN)		
Lift	4400 lbs. (19.5)	4100 lbs. (18)
Tilt	7880 lbs. (35)	7880 lbs. (35)
Axle Torque (Nm)	8866 ft. lb. (12,020)	8866 ft. lb. (12,020)

## CAPACITIES/WEIGHTS

SAE Operating Load (kg)	3400 lbs. (1542)	3675 lbs. (1667)
Travel Speed (km/h)		
Low	0 – 6.5 mph (0 – 10.4)	0 – 7.5 mph (0 – 12.0)
High (optional on 2099 and 2109)	0 – 11 mph (0 – 17.7)	0 – 13 mph (0 – 20.9)
Operating Weight (kg)	10,180 lbs. (4618)	10,260 lbs. (4654)

## GENERAL SPECIFICATIONS

	w/ 22 cu. ft. bucket, w/ 14 x 17.5 tires	w/ 28 cu. ft. bucket, w/ 14 x 17.5 tires
<b>A</b> Overall Operation Height (mm)	185.8" (4719)	187.8" (4770)
<b>B</b> Height to Hinge Pin (mm)	142.0" (3607)	142.0" (3607)
<b>C</b> Overall Height — Top of ROPS (mm)	81" (2057)	81" (2057)
<b>D</b> Ground Clearance (mm)	9.1" (231)	9.1" (231)
<b>E</b> Overall Length — Bucket Down (mm)	159" (4039)	161" (4089)
<b>F</b> Overall Length (less bucket) (mm)	122" (3099)	122" (3099)
<b>G</b> Wheel Base — Nominal (mm)	55" (1397)	55" (1397)
<b>H</b> Dump Reach — Bucket Full Height (mm)	36.8" (935)	38.2" (970)
<b>I</b> Rollback at Ground	28.5°	28.5°
Maximum Back Grading Angle	81.5°	81.5°
<b>J</b> Dump Angle at Full Height	38°	38°
<b>K</b> Overall Width (less bucket) (mm)	81" (2057)	81" (2057)
<b>L</b> Bucket Width — Overall (mm)	84.0" (2134)	84.0" (2134)
<b>M</b> Clearance Circle — Rear (mm)	80.5" (2045)	80.5" (2045)
<b>N</b> Clearance Circle — Frt. (less bucket) (mm)	60.6" (1539)	60.6" (1539)
<b>O</b> Clearance Circle — Frt. (with bucket) (mm)	98.5" (2502)	101.7" (2583)
<b>P</b> Seat to Ground Height (mm)	41.0" (1041)	41.0" (1041)
<b>Q</b> Rollback Angle at Full Height	85°	85°
<b>R</b> Dump Height (mm)	109.5" (2781)	107.0" (2718)
<b>S</b> Departure Angle	21°	21°



1880 Austin Road  
Owatonna, MN 55060-0547  
507-451-7112  
Fax: 507-451-8209  
www.mustangmfg.com

© 2004 Mustang Manufacturing Company, Inc.

**SAFETY IS NO ACCIDENT.** Mustang Manufacturing Company reminds users that before operating any piece of equipment, be sure to read and understand the operators manual. This manual should be kept with the machine at all times. Additionally, be sure all safety shields and devices are securely in place and functioning properly. Mustang Manufacturing Company reserves the right to make changes in specifications and add improvements at any time without notice or obligation.