

**SATO**

**MITSUBISHI**

**STALLION**



## **New All-Purpose 38 hp Diesel— Sized to Fit the Jobs at Hand**

Here's Diesel power packaged so you can put it to work with top effectiveness—on the farm or wherever you need to harness horsepower to work for you.

- 3-cylinder water-cooled Diesel engine
- Choice of 2-wheel or 4-wheel drive
- Nine forward speeds—three reverse
- Multi-speed PTO—540 and 1,000 rpm
- MITSUBISHI live hydraulics with position control, draft control, flow control and lift lock
- Category 1 · 3-point linkage
- Most modern tractor in its class



# SATOH MITSUBISHI STALLION

## FEATURES

### Comfort

Consideration for the operator. Large, cushioned seat, wide step plates, easy on-and-off access, easy-to-reach controls, good visibility on all instruments, steering wheel at correct angle.

### Economy

You save initially because of the value you get for your money compared with other makes. Then you save on economical operation and maintenance, not to mention the lower price of Diesel fuel.

### Flexibility

Designed for easy mounting of attachments such as backhoes, loaders and mowers. Rugged main chassis and axle with strength to handle heavy loader work.

### Hydraulics

Category I · 3-point hitch with position control, draft control, flow control and check chains. Adjustable linkage height. Easy access to the use of remote and external hydraulic power.

### Maneuverability

Sweptback front axle gives excellent turning radius yet is adjustable for row-crop work. Performs well in close quarters or in open fields.

## SPECIFICATIONS

Model S750DD (4-WD)  
Model S750D (2-WD)

### ENGINE

3-Cylinder water cooled 4-cycle overhead valve swirl chamber diesel engine, 38 HP (Max. Bare HP), capacity 108.43 cu. in. (1777 cc), compression ratio 20 : 1.

Engine crank shaft free.

### ENGINE ACCESSORIES

Dry paper element cyclone type air cleaner, 12-volt electrical starter system, paper element cartridge type fuel filter and oil filter, foot throttle.

### CLUTCH

Dual dry plate giving live drive PTO.

### TRANSMISSION

Selective sliding gear, 2 shift lever 9-forward 3-reverse safety starter switch on range lever, differential lock.

### TRAVELING SPEEDS

Min. speed 0.92 mph (1.48 km/h), max. speed 15.89 mph (25.57 km/h) for forward at 2500 engine rpm with 13.6–28 rear tires.

### POWER TAKE OFF

Live drive multi speed PTO, max. 33 HP/2500 engine rpm, 1-3/8 in. 6-spline SAE standard PTO shaft, 540 rpm/2070 engine rpm, 1000 rpm/2060 engine rpm.

### BRAKE

Water proof internal expansion drum type with parking brake.

### TREAD

Sweptback front axle, telescopic extension by 2 in. steps on 2-WD model.

Front	2-WD	47.3 in. – 70.6 in. (1202mm – 1794mm)
	4-WD	50.2 in. (1275mm)
Rear	2/4-WD	52.0 in. – 71.7 in. (1320mm – 1820mm)

### TIRES

	2-WD	4-WD
Front	6.00–16	7–16
Rear	13.6–28 or 12.4/11–28	13.6–28

### STEERING

Separate type hydraulic power assisted steering with ball screw steering gear box.

### SEAT

Deluxe foam rubber seat with seat belt bracket.

### HYDRAULIC SYSTEM

(MITSUBISHI live hydraulic system)  
Designed output: linkage pump 9.5 gpm (35.8 l/min) at 2060 psi (145 kg/cm<sup>2</sup>)/2500 rpm, engine speed.

Implement control: draft control, flow control, position control and lift lock.

Oil filter 180-mesh gauze.

External hydraulic service (option).

### 3-POINT LINKAGE

Category I, linkage with check chain.

### DRAWBAR

Swinging drawbar.

### DIMENSIONS

	2-WD	4-WD
Length	115.4 in. (2930mm)	119.5 in. (3035mm)
Width	65.6 in. (1665mm)	65.6 in. (1665mm)
Height	77.8 in. (1975mm)	77.8 in. (1975mm)
Wheel base	71.5 in. (1815mm)	73.6 in. (1870mm)
Ground clearance	16.3 in. (413mm)	12.8 in. (325mm)
Weight	3142 lb. (1425 kg)	3439 lb. (1560 kg)

### ELECTRICAL

12 volt 70Ah U MICRON Battery.

### CAPACITIES

Fuel tank		12 gal (46 l)
Engine oil		1 gal, 5 pt (6.2 l)
Transmission oil	2-WD	5 gal, 1 qt (19.9 l)
	4-WD	6 gal, 1 qt (23.5 l)
Hydraulic oil		Same as transmission oil
Cooling water		1 gal, 7 pt (7.1 l)

### STANDARD EQUIPMENTS

Vertical exhaust with silencer.  
Safety cover for fan belt and cooling fan.  
Thermostat. Pre-heat plug and indicator.  
Fuel gauge. Foot throttle.  
Dry plate dual clutch.  
12-Speed transmission with Differential lock.  
2-Speed power take off with guard.  
MITSUBISHI live hydraulic system.  
Implement control: position control, draft control, flow control and lift lock.  
Two head lamps. Working lamp.  
Oil pressure indicator. Battery charge indicator.  
Water temperature indicator.  
Hour meter. Tachometer.  
Safety starter switch. Tool box and tool kit.  
Deluxe seat with seat belt bracket.  
Hydraulic power assisted steering.  
Tap holes for R.O.P.S.

### OPTIONAL EQUIPMENTS

Front wheel weights for 2-WD only.  
Rear wheel weights for all models.  
Front chassis weights for all models.  
Hydraulic adaptor plate.  
External hydraulic valve (double acting).  
External hydraulic valve (single acting).  
Permanent drawbar.  
Under muffler kit.

\* Specifications are subject to change without notice.



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