

**TOUGH ISN'T EASY TO BUILD.  
BUT IT SURE IS EASY TO OPERATE.**



**H50CT**  
Pneumatic tire



**S50CT**  
Cushion tire

**S50CT**  
**H50CT**





## THERE'S TOO BIG. AND TOO SMALL. WELCOME TO JUST RIGHT.



The innovation of the new Hyster® S/H50CT isn't found in a few features.



It's everywhere you look, and in everything you feel and drive. The S/H50CT retains the legendary toughness, reliability and productivity that you've come to expect from Hyster, reconfiguring it for medium-duty applications. And all for a smaller price point. We've even tried to simplify your decision-making process. Just to the right, you'll see a list of intended applications. If you find yourself there, the S/H50CT model is the truck for you. Let's see what it can do.



## THE PERFECT TRUCK FOR APPLICATIONS LIKE THESE.

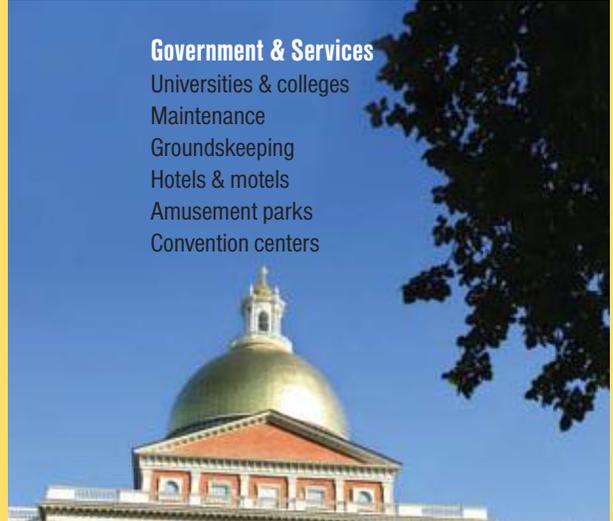
### Agricultural

Fruit & vegetable farming  
Nurseries  
Farmers markets



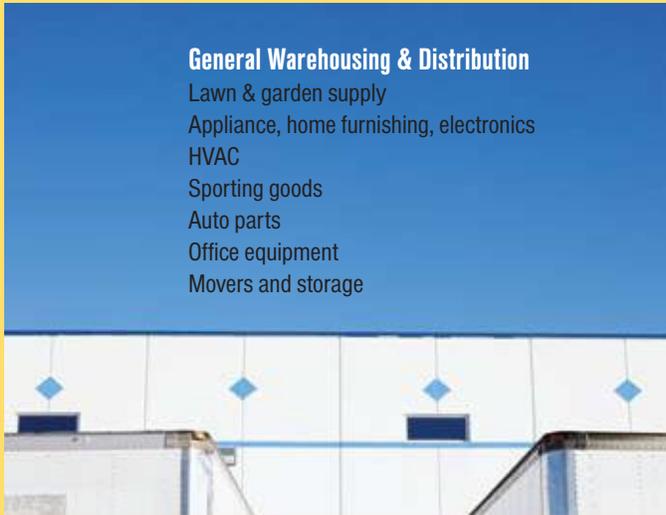
### Government & Services

Universities & colleges  
Maintenance  
Groundskeeping  
Hotels & motels  
Amusement parks  
Convention centers



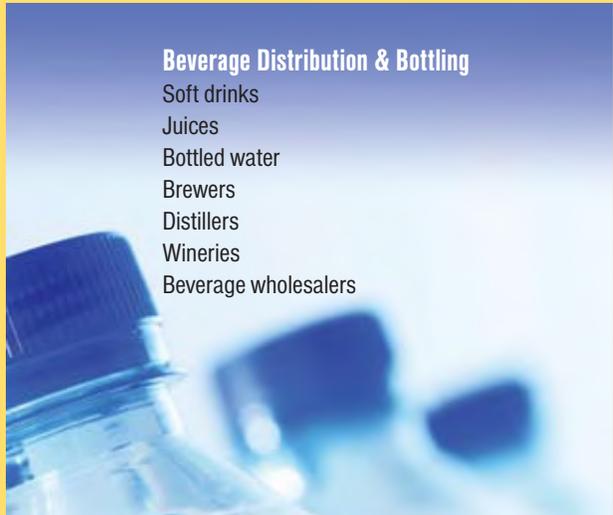
### General Warehousing & Distribution

Lawn & garden supply  
Appliance, home furnishing, electronics  
HVAC  
Sporting goods  
Auto parts  
Office equipment  
Movers and storage



### Beverage Distribution & Bottling

Soft drinks  
Juices  
Bottled water  
Brewers  
Distillers  
Wineries  
Beverage wholesalers



### Light Manufacturing

Electronics  
Furniture & home  
Medical  
Pottery  
Printing  
Rubber & plastics



### Retail

Floor covering  
Glass, paint & wallpaper  
Hardware  
Ag supply  
Appliances  
Auto supply  
Finished wood products



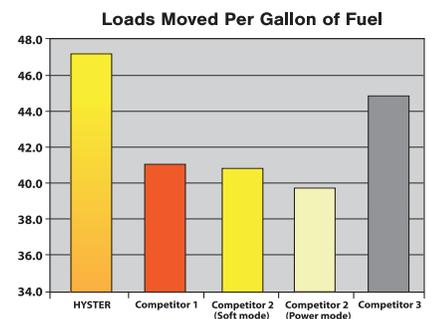
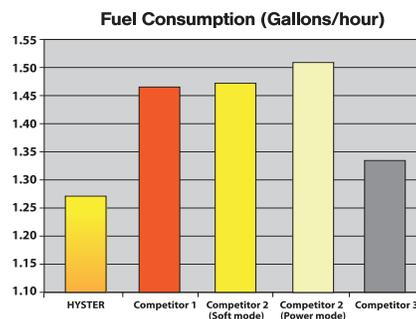


## ENHANCED PRODUCTIVITY. A BYPRODUCT OF THE RIGHT FIT.

Whether you have tons of bagged fertilizer to stack, or pallets of manufacturing components to carefully move through the line, the S/H50CT truck is made to work hard, but intelligently. Ideal for single shift or light second shift needs, this powertrain is optimized for 5,000 lb. medium-duty jobs. By thoroughly analyzing the needs within each industry and listening to you, our co-designers, the result is a truck with right-sized components, allowing your drivers the maneuverability they need without sacrificing strength and throughput. A 2.0L engine, basic transmission and lighter overall weight create a configuration that squeezes every bit of efficiency from every chore it's asked to do.

## AN IDEAL SIZE LEADS TO LOWER OPERATING COSTS.

Right off the bat you'll notice the S/H50CT model has one of the best price points in its category. That's because it's made so efficiently, so perfectly for your application, we don't have to overcharge for things you simply don't need. Over the life of your truck, the savings continue to add up thanks to the durability of our components. Its lighter weight and more efficient engine also lower fuel costs. In a "loads moved per gallon of fuel" comparison, you'll find a 12% fuel savings over the competitive average.



## IT'S NOT JUST TOUGH. IT'S DEPENDABLE, TOO.



The way you use a truck of course depends on your industry, but one thing had to be true of the S/H50CT: though not in constant use, it'd better be ready when you are. By using proven

components like sealed electrical connectors, O-ring face seal fittings and a historically durable transmission, the S/H50CT is eager to fire up and work hard when you need it to. A simplified electrical system and application-matched components means zero sacrifices in quality, and the dependability you've come to expect from Hyster.

## ERGONOMICS. OUR SOFTER, GENTLER SIDE.

An aggressive, hungry-to-work machine like the S/H50CT still needs to be comfortable. It's incredibly important to your operators, and ultimately, your bottom line. After all, it's simply human nature that if the truck you're using is more comfortable, you'll use it more: more efficiently, more productively, squeezing out more profit. The operator compartment boasts a low step height of 14 in., with ample foot room and lower vibration thanks to our isolated powertrain. Thoughtful touches like a 12 in. steering wheel atop a tilting steer column offers infinite adjustments and comfort, plus a non-cinching seatbelt that stays loose during normal driving conditions, and automatically locks for safety if the situation requires it.



## EVERYTHING ABOUT IT IS TOUGH. EXCEPT SERVICING IT.

You haven't fully tested the new S/H50CT truck until the first time you service it. That's when its "cowl-to-counterweight" access and one-piece floorplate reveal other engineering advantages made to keep your truck, and your life, running smoothly. Configured so you don't have to remove the LP tank to open the hood, the S/H50CT clearly wants to make it easier on you to service, so it can get back to its true calling: work. And when needed, your Hyster dealer is ready to swoop in with fast, cost-efficient support.



## OPTIONS

- 38.5" Wide Integral Sideshifter (S50CT only)
- 42" Wide Integral Sideshifter (H50CT only)
- 48" Long Forks
- 60" High Loadbackrest (S50CT only)
- 10 Degree Forward/5 Degree Back Tilt (S50CT only)
- Non-Marking Compound Drive and Steer Tires (S50CT only)
- Pneumatic Shaped Solid Drive and Steer Tires (H50CT only)
- Audible Reverse Activated Self Adjusting Alarm 82-102 dB(A)
- Full Suspension Vinyl Seat
- Visible Amber Strobe Light - Continuous Activated, Overhead Guard Mounting
- Halogen Front and Rear Worklights
- Halogen Front and Rear Worklights with LED Brake, Tail and Back up Lights
- Dual Side View Mirrors
- 2.5 Lb. Fire Extinguisher
- Rear Drive Handle with Horn Button
- Additional Height 3 Stage FFL Masts
  - 87" Lowered, 187" Max. Fork Height
  - 91" Lowered, 199" Max. Fork Height

| APPLICATION GUIDE                   | Attributes  | S/H50CT  | S/H50FT (Fortis)   |
|-------------------------------------|---|--|--------------------|
|                                     |   | Commercial Grade   | Industrial Grade   |
|                                     | Typical Shifts Per Day                                | 1 shift, light 2nd shift   | 1-3 shifts per day |
| Typical Hours Per Year              | Generally 2000 and below                              | Above 2000   |                    |
| Typical Operation Frequency         | Intermittent  | Continuous   |                    |
| Duty Cycle Levels                   | Moderate  | Maximum  |                    |
| Maneuverability (right angle stack) | 96.5" / 103.3"  | 93.6" / 105.7"   |                    |
| Mast Types                          | 3-Stage Full Free-Lift                                | 2-Stage Limited Free-Lift<br>2 & 3-Stage Full Free-Lift<br>4-Stage Full Free-Lift (cushion only) |                    |
| Loaded Lift Speeds                  | 87 FPM  | Up to 113 FPM  |                    |
| Attachment Compatibility            | Carriage or Sideshifter only                          | Wide range including bale and roll clamps  |                    |
| Hydraulic Functions                 | 1 Auxiliary function, available with sideshifter only | Up to 2 auxiliary functions  |                    |
| Ramp Usage                          | Occasional  | Frequent   |                    |
| Gradeability @ 1mph (loaded)        | 23% / 23%   | 24% / 35%  |                    |
| Travel Speeds (loaded)              | 10.6 / 10.8   | 10.7 / 11.3  |                    |
| Fuel Type                           | LPG only  | Gas, LPG & Diesel (Diesel pneumatic only)  |                    |
| Standard Engine                     | 2.0L  | 2.2L   |                    |
| Engine Options                      | N/A   | 2.4L<br>2.6/ 3.3L Diesel (pneumatic only)  |                    |
| Engine Power                        | 40 hp   | 46-62 hp   |                    |

# S/H50CT SPECIFICATIONS

|                |             |   | Hyster                                | Hyster                                |
|----------------|-------------|---|---------------------------------------|---------------------------------------|
| GENERAL        | 1           | Manufacturer Name   | Hyster                                | Hyster                                |
|                | 2           | Model   | S50CT                                 | H50CT                                 |
|                |             | Transmission Type   | Electronically Controlled Powershift  | Electronically Controlled Powershift  |
|                |             | Engine  | Mazda 2.0L                            | Mazda 2.0L                            |
|                |             | Brake System  | Drum Brakes                           | Drum Brakes                           |
|                | 3           | Rated Capacity  | 5000 (2268) lb (kg)                   | 5000 (2268)                           |
|                | 4           | Load Center   | 24 (610) in (mm)                      | 24 (610)                              |
|                | 5           | Drive Power Type  | LPG                                   | LPG                                   |
| DIMENSIONS     | 6           | Operator Type   | Seated Rider                          | Seated Rider                          |
|                | 7           | Step Height   | 13.6 (345) in (mm)                    | 14.0 (356)                            |
|                | 8           | Tire Type - Pneumatic, Cushion  | Cushion                               | Pneumatic                             |
|                | 9           | Number of Wheels, front/rear (X = driven)                                   | 2x/2                                  | 2x/2                                  |
|                | 10          | Lift Height, Top of Fork (TOF)  | 170 (4325) in (mm)                    | 170 (4325)                            |
|                | 11          | Free Lift with LBR (TOF)  | 32 (823) in (mm)                      | 32 (837)                              |
|                |             | Free Lift without LBR (TOF)   | 60 (1540) in (mm)                     | 61 (1554)                             |
|                | 12          | Standard Carriage Width   | 38.5 (977) in (mm)                    | 38.5 (977)                            |
|                | 13          | Fork Dimensions, Thickness x Width x Length                                 | 1.6x3.9x42 (40x100x1067) in (mm)      | 1.6x3.9x42 (40x100x1067)              |
|                | 14          | Fork Spacing - Std Carriage - Maximum Outside to Outside Edge               | 33.5 (852) in (mm)                    | 33.5 (852)                            |
|                |             | Fork Spacing -Std Carriage - Minimum Inside to Inside Edge                  | 6.2 (158) in (mm)                     | 6.2 (158)                             |
|                | 15          | Mast Tilt, forward / back   | 5/5 degrees                           | 5/5                                   |
|                | 16          | Overall Length (length to face of forks)                                    | 92.2 (2341) in (mm)                   | 98.1 (2491)                           |
|                | 17          | Overall Width   | 42.0 (1068) in (mm)                   | 45.7 (1160)                           |
|                | 18          | Height of Standard Mast, lowered  | 81 (2035) in (mm)                     | 81 (2049)                             |
|                | 19          | Height of Standard Mast, extended with LBR                                  | 218 (5537) in (mm)                    | 218 (5537)                            |
|                |             | Height of Standard Mast, extended without LBR                               | 190 (4820) in (mm)                    | 190 (4820)                            |
|                | 20          | Height to Top of Standard Overhead Guard (high)                             | 85 (2136) in (mm)                     | 85 (2149)                             |
|                | 21          | Towing Coupling Height (pin type)   | 12.2 (309) in (mm)                    | 13.0 (330)                            |
|                | 22          | Outer Turning Radius  | 81.2 (2062) in (mm)                   | 88.0 (2236)                           |
|                |             | Inner Turning Radius  | 3.0 (75) in (mm)                      | 4.1 (103)                             |
|                | 23          | Load Distance (load face-center of wheel to face of forks - front overhang) | 15.3 (388) in (mm)                    | 15.3 (388)                            |
|                | 24          | Aisle Width, right angle stack (add length of load)                         | 96.5 (2450) in (mm)                   | 103.3 (2624)                          |
|                | 25          | Equal Aisle, 90° intersecting aisle (with pallet W=42in, L=48in)            | 76.0 (1930) in (mm)                   | 79.9 (2030)                           |
|                | PERFORMANCE | 26  | Travel Speed (RL/NL)                  | 10.6 (17.1) / 11.2 (18.0) mph (km/hr) |
| 27             |             | Lifting Speed (RL/NL)   | 87 (0.44) / 100 (0.51) ft/min (m/sec) | 87 (0.44) / 100 (0.51)                |
| 28             |             | Lowering Speed (RL/NL)  | 97 (0.49) / 83 (0.42) ft/min (m/sec)  | 97 (0.49) / 83 (0.42)                 |
| 29             |             | Drawbar Pull @ 1.0 mph or 1.6 km/h (RL/NL)                                  | 2878 (12.8) / 1596 (7.1) lbs (kN)     | 2788 (12.4) / 1911 (8.5)              |
| 30             |             | Gradeability, maximum (RL, NL)  | 28 / 27 %                             | 28 / 27                               |
|                |             | Gradeability @ 1.0 mph or 1.6 km/h (RL/NL)                                  | 28 / 21 %                             | 27 / 27                               |
| WT.            | 31          | Unladen Weight (w/ std equipment: mast, carriage, forks, etc.)              | 7719 (3501) lb (kg)                   | 7240 (3284)                           |
|                | 32          | Axle Loading Unladen w/ std option configuration (Front / Rear)             | 2930 (1329) / 4789 (2172) lb (kg)     | 3062 (1389) / 4178 (1895)             |
|                |             | Axle Loading Laden w/ std option configuration (Front / Rear)               | 11387 (5165) / 1342 (609) lb (kg)     | 11157 (5061) / 1094 (496)             |
| WHEELS & TIRES | 33          | Tire Size, front  | 21x7x15                               | 6.5X10-10                             |
|                |             | Tire Size, rear   | 16x5x10.5                             | 5X8                                   |
|                | 34          | Wheelbase   | 57.1 (1450) in (mm)                   | 63.9 (1623)                           |
|                | 35          | Ground Clearance, under mast laden  | 3.4 (87) in (mm)                      | 3.9 (98)                              |
|                | 36          | Ground Clearance, center of wheelbase                                       | 4.6 (116) in (mm)                     | 5.0 (127)                             |
|                | 37          | Brakes Service - Method of Control / Operation                              | Hydraulic/ Foot                       | Hydraulic/ Foot                       |
|                | 38          | Brakes Park - Method of Control / Operation                                 | Mechanical/ Hand                      | Mechanical/ Hand                      |
|                | 39          | Battery Type  | Maintenance Free                      | Maintenance Free                      |
| POWERTRAIN     | 40          | Battery Volts / Cold Cranking Amps  | 12V / 475                             | 12V / 475                             |
|                | 41          | Engine Manufacturer   | MAZDA                                 | MAZDA                                 |
|                | 42          | Engine Output, in accordance with ISO1585                                   | 40 (30) @ 2350 RPM hp (kw)            | 40 (30) @ 2350 RPM                    |
|                | 43          | Torque  | 91 (123) @ 1800 RPM ft-lb (N-m)       | 91 (123) @ 1800 RPM                   |
|                | 44          | Number of Cylinders / Displacement  | 4 / 2000 (122) No./cc (ci)            | 4 / 2000 (122)                        |
|                | 45          | Gear Change Type  | Powershift                            | Powershift                            |
|                | 46          | Transmission, number of speeds forward / reverse                            | 1F/1R                                 | 1F/1R                                 |
|                | 47          | Working Pressure for Attachments  | 2306 (159) psi (bar)                  | 2306 (159)                            |
|                | 48          | Hydraulic Tank - Capacity (drain & refill)                                  | 7.9 (29.9) gal (litres)               | 10.4 (39.4)                           |

# ONLY ONE THING WORKS HARDER FOR YOU THAN HYSTER® TRUCKS. AND THAT'S HYSTER PEOPLE.



Anyone who has owned a Hyster can tell you our reputation for support doesn't come from just a well-made seat. We've worked extremely hard to build a flawless track record for

service. With a well-established network of dealer locations that staff only the most experienced, knowledgeable mechanics and salespeople, our relationship with you continues well after your truck is delivered.

**Visit us online at [www.hysteramericas.com](http://www.hysteramericas.com) or call us at 1-800-HYSTER-1.**



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