

INCLUDES Q3 CUTTER BAR Trailed mower Trailed mower Trailed mower Trailed mower

Q3® CUTTER BAR: QUALITY TO COUNT ON

Vermeer offers two different types of cutter bars on hay mowers: standard and Q3® cutter bars. Both come with a Quick-Clip® blade retention system and 3-year coverage; however, there are differences worth noting.

The Q3 cutter bar, available on select Vermeer trailed mowers, provides high hay-cutting performance in the field with low horsepower requirements. But what features set the Q3 cutter bar apart?

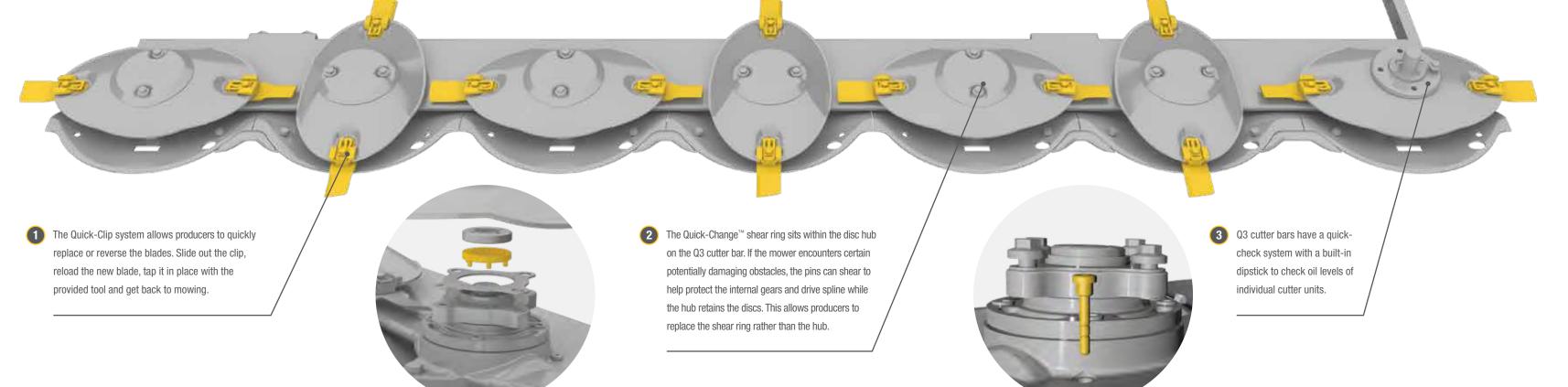
THE 3 Q'S BEHIND THE Q3 CUTTER BAR:



Quick-Clip® blade retention system*
Quick-Change™shear ring
Quick-check oil

TABLE OF CONTENTS:

| Trailed mower comparison chart | pg. 5 |
|---|-------------|
| TM610, TM710 and TM810 trailed mowers | pg. 6 - 7 |
| TM105, TM120 and TM135 trailed mowers | pg. 8 - 9 |
| TM1200 trailed mowers | pg. 10 - 11 |
| TM1210 and TM1410 trailed mowers | pg. 12 - 13 |
| M5050, M6050, M7050 and M8050 disc mowers | pg. 14 - 15 |
| Product specifications | pg. 16 - 19 |
| - | |





TRAILED MOWER COMPARISON CHART

Vermeer offers a wide variety of trailed mowers with cutting widths ranging from 8.1 ft (2.5 m) to 20.8 ft (6.3 m). All these options aren't to make a producer's choice tougher, but so they have the right-sized mower for their operation and productivity needs.

| PRODUCT | CUTTING WIDTH | TRANSPORT WIDTH |
|----------------------|-----------------|--|
| TM610 trailed mower | 8.1 ft (2.5 m) | Standard: 8.3 ft (2.5 m) |
| TM710 trailed mower | 9.2 ft (2.8 m) | Standard: 9.4 ft (2.9 m) |
| TM810 trailed mower | 10.5 ft (3.2 m) | Standard: 10.8 ft (3.3 m) |
| TM105 trailed mower | 10.7 ft (3.3 m) | Ends up: 10.7 ft (3.3 m) Ends down: 11.4 ft (3.5 m) |
| TM120 trailed mower | 12 ft (3.7 m) | Ends up: 12 ft (3.7 m) Ends down: 12.7 ft (3.9 m) |
| TM135 trailed mower | 13.5 ft (4.1 m) | Ends up: 13.5 ft (4.1 m) Ends down: 14.3 ft (4.4 m) |
| TM1200 trailed mower | 15.5 ft (4.7 m) | Standard: 8.5 ft (2.6 m) Flotation tires: NA |
| TM1210 trailed mower | 17.7 ft (5.4 m) | Standard: 9.1 ft (2.8 m) Flotation tires: 9.8 ft (3 m) |
| TM1410 trailed mower | 20.8 ft (6.3 m) | Standard: 9.1 ft (2.8 m) Flotation tires: 9.8 ft (3 m) |



TM610, TM710 AND TM810 **TRAILED MOWERS**

TM610, TM710 and TM810 trailed mowers offer simplicity. The hookup procedure is straightforward toolless adjustments allow producers to set the suspension between fields, and the Quick-Clip® blade retention system lives up to its name. Horsepower requirements of 50 hp (37.3 kW) for the TM610, for example, are an average of 20% lower than comparable 3-point disc mowers.

Vermeer

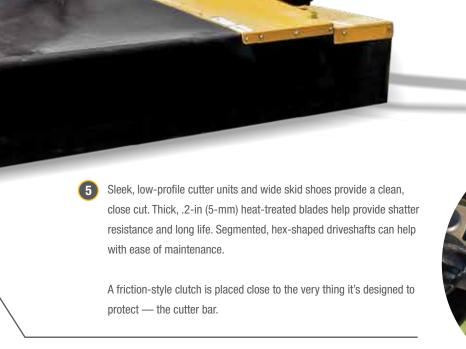
SPECIFICATION 8.1 ft (2.5 m) TM610 trailed mower TM710 trailed mower 9.2 ft (2.8 m) 10.5 ft (3.2 m) TM810 trailed mower

1 An exclusive rubber torsion suspension design absorbs shock loads and high impacts by reducing cutter bar weight on the ground, allowing it to float and swing up and over field obstacles.

2 The swath width is 80% of the cutter bar width for quick and even dry down, depending on crop type and conditions. convenient from field to field.

3 A side-pull rotary disc mower design with hydraulic swing cylinder makes transport

4 CV joint helps increase life of drive line and provides smooth operation.





TM105, TM120, AND TM135 TRAILED MOWERS

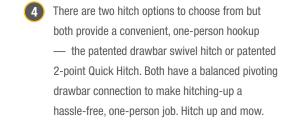
There's no secret to what ranchers and hay producers want in a trailed mower: durability in the field, premium cut quality and ease of maintenance. That's where these Vermeer trailed mowers hit the sweet spot in terms of features and capabilities. Choose from three cutting widths ranging from 10.7 ft to 13.5 ft (3.3 m to 4.1 m). And although we call them mid-sized mowers, they give producers more than enough cutting width to finish fields in short order.

Suspension largely influences a producer's ability to get a consistent cut. This system allows optimal suspension to minimize ground pressure for a clean cut across the field. For varying field conditions, producers can make quick and toolless suspension adjustments. Now they control how they cut.

2 The frame is the backbone of any trailed mower, and this mower is equipped with one of the most robust frames in the field.

Durable components like a heavy-duty frame and large tires are ready to withstand varying field conditions for years to come.

With a pivoting header gearbox and a CV joint, the mower can operate on the side of or directly behind the tractor. Plus, if producers ever need to mow above an obstacle in the field, they can bump a lever to raise the pitch using the tractor hydraulics. Then bump the lever back down and they're back to the original cut height. All while the mower never leaves the ground. Full control comes with this mid-sized trailed mower.





coverage, but two features make it quick and convenient

to replace key components — the Quick-Clip® blade

retention system and Quick-Change™ shear ring.

Get back up and mowing in the field.



TM1200 TRAILED MOWER

The TM1200 trailed mower is convenient to use and has an impressive cutting width of 15.5 ft (4.7 m) with a minimal horsepower requirement of 85 hp (63 kW).

2 The TM1200 quickly folds down to 8.5 ft (2.6 m) to efficiently

maneuver through gates when traveling from field to field, while the 2-point hookup accommodates both category II and III N hitches. This image is for illustration purposes only. Curtains and shielding have been removed. Never operate equipment without the appropriate shielding in place.



3 The hydraulic suspension system works in conjunction with the split cutter bar to reduce cutter bar weight on the ground, increase flex and allow the TM1200 to follow ground contour.



Float over fields and contoured terrain with a nitrogencharged accumulator flotation system that adjusts for

varying field and crop conditions.



TM1210 AND TM1410 **TRAILED MOWERS**

Vermeer TM1210 and TM1410 trailed mowers are ideal for those who want to cut more hay in less time with convenient features that can help take the stress out of operating, transporting and maintaining a large trailed mower.

A nitrogen-charged accumulator suspension system makes it efficient to adjust for various crops and conditions, and provides ground-following cutter bar balance and a consistent pitch. The system allows producers to charge to an established setting every time.

Optional large flotation tires are available on both the TM1210 and TM1410. Floatation tires can help limit compaction in the field and allow producers to mow in wetter-than-normal conditions.

5 The TM1210 offers cutting widths of up to 17.7 ft (5.4 m), and the TM1410 offers cutting widths of up to 20.8 ft (6.3 m).

and the TM1410 off

2 The TM1210 and TM1410 come with a split Q3® cutter bar. The two independent cutter bar units work with the suspension system, allowing the mower to follow uneven ground contour. Each cutter bar can flex independently to pivot up and over hidden obstacles.

These machines offer big-time productivity, big-time convenience and a narrow 9.1-ft (2.7-m) transport width with standard tires or 9.8-ft (3-m) transport width with optional flotation tires.



6 A patented 2-point Quick Hitch hookup is designed to allow one person to hook up the mower. It also provides high ground clearance to help avoid obstructions while in the field.







M5050, M6050, M7050 AND M8050 **DISC MOWERS**

Some say disc mowers are all the same, but it's the little things that make the difference and help eliminate major pain points. Built in Pella, Iowa, M5050, M6050, M7050 and M8050 disc mowers feature a patent-pending Quick Hitch hookup. This

7.8 ft (2.4 m)

9.2 ft (2.8 m)

10.5 ft (3.2 m)



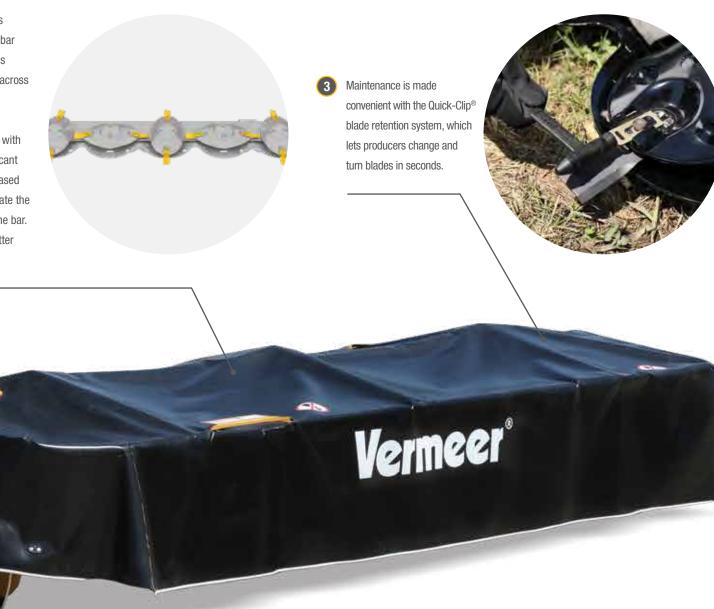
60 hp (44.7 kW)

70 hp (52 kW)

80 hp (60 kW)

2 The cutter bar is the backbone of 50-series disc mowers. A tapered, low-profile cutter bar delivers a close, clean cut, which minimizes streaking and helps improve performance across a variety of crops.

Self-contained cutter units come prepared with their own sets of gears, bearings and lubricant to help extend operating life. Even at increased working angles, grease continues to lubricate the gears and won't flow to the other side of the bar. Plus, it's backed by the Vermeer 3-year cutter bar coverage.



1 Hooking up a 3-point disc mower isn't the tedious chore it used to be. The patent-pending Quick Hitch hookup is a one-person hookup: Back up the tractor, hook up the disc mower with a Quick Hitch and it's ready to go.

M6050 disc mower

M7050 disc mower

M8050 disc mower

| SPECIFICATION | TM105 TRAILED MOWER | TM120 TRAILED MOWER | TM135 TRAILED MOWER |
|------------------------------------|---|---|--|
| DIMENSIONS AND WEIGHTS | | | |
| Transport height | 61 in (154.9 cm) | 61 in (154.9 cm) | 61 in (154.9 cm) |
| Transport width — ends up | 10.7 ft (3.3 m) | 12 ft (3.7 m) | 13.6 ft (4.1 m) |
| Transport width — ends down | 11.4 ft (3.5 m) | 12.7 ft (3.9 m) | 14.3 ft (4.4 m) |
| Transport length | 18.2 ft (5.5 m) | 18.2 ft (5.5 m) | 18.2 ft (5.5 m) |
| Cutting width | 10.7 ft (3.3 m) | 12 ft (3.7 m) | 13.6 ft (4.1 m) |
| Working height | 61 in (154.9 cm) | 61 in (154.9 cm) | 61 in (154.9 cm) |
| Working width | 11.4 ft (3.5 m) | 12.8 ft (3.9 m) | 14.3 ft (4.4 m) |
| Working length | 17.2 ft (5.4 m) | 17.2 ft (5.4 m) | 17.2 ft (5.4 m) |
| Mower swung out offset | 50 in (127 cm) | 50 in (127 cm) | 50 in (127 cm) |
| Cutterbar lift height clearance | 16 in (40.6 cm) | 16 in (40.6 cm) | 16 in (40.6 cm) |
| Total weight | 3,300 lb (1,497 kg) | 3,500 lb (1,588 kg) | 3,600 lb (1,633 kg) |
| Tongue weight | 1,200 lb (545 kg) | 1,200 lb (545 kg) | 1,200 lb (545 kg) |
| Suspension | Hydraulic | Hydraulic | Hydraulic |
| Torque protection | Driveline: friction disc clutch | Driveline: friction disc clutch | Driveline: friction disc clutch |
| Tires | 11L-15 | 31 x 13.5-15 | 31 x 13.5-16 |
| TRACTOR REQUIREMENTS | | | |
| Tongue/hitch | Drawbar with swivel gearbox, OR 2-point with swivel gearbox, category II or III N | Drawbar with swivel gearbox, OR 2-point with swivel gearbox, category II or III N | Drawbar with swivel gearbox, OR 2-point with swivel gearbox category II or III N |
| Drive PTO | 540 rpm | 540 rpm | 540 rpm OR 1,000 rpm |
| PTO horsepower recommended | 60 hp (45 kW) | 65 hp (48 kW) | 70 hp (52 kW) |
| Hydraulic type | 2 remote single-acting lift double-acting swing | 2 remote single-acting lift double-acting swing | 2 remote single-acting lift double-acting swing |
| Hydraulic pressure | 1,900 psi (131 bar) | 1,900 psi (131 bar) | 1,900 psi (131 bar) |
| Hydraulic flow rate | 6 gpm (22.7 L/min) | 6 gpm (22.7 L/min) | 6 gpm (22.7 L/min) |
| CUTTER BAR | | | |
| Cutter bar type | Q3® cutter bar | Q3® cutter bar | Q3® cutter bar |
| Cut height | 1 in - 3 in (2.5 cm - 7.6 cm) | 1 in - 3 in (2.5 cm - 7.6 cm) | 1 in - 3 in (2.5 cm - 7.6 cm) |
| Number of discs | 7 | 8 | 9 |
| Disc diameter | 23 in (58.4 cm) | 23 in (58.4 cm) | 23 in (58.4 cm) |
| Disc speed | 2,700 rpm | 2,700 rpm | 2,700 rpm |
| Number of blades | 14 | 16 | 18 |
| Angle adjustment | Hydraulic pitch control | Hydraulic pitch control | Hydraulic pitch control |
| Quick-Clip® blade retention system | Standard | Standard | Standard |
| Quick-Change™ shear ring | Standard | Standard | Standard |
| Curtain material | 1,400 gm/m ² polymer woven material with flexible PVC covering | 1,400 gm/m ² polymer woven material with flexible PVC covering | 1,400 gm/m ² polymer woven material with flexible PVC coveri |

TRAILED

MOWER

SPECIFICATIONS

1,400 gm/m² polymer woven material with flexible PVC covering 1,400 gm/m² polymer woven material with flexible PVC covering 1,400 gm/m² polymer woven material with flexible PVC covering 3-year limited cutter bar coverage Standard Standard Standard FEATURES Optional swath formation Optional right crop divider, standard right swath wheel Optional right crop divider, standard right swath wheel Optional right crop divider, standard right swath wheel Standard modular independent skid shoes; optional topping Standard modular independent skid shoes; optional topping Standard modular independent skid shoes; optional topping Skid shoes wear skids wear skids wear skids Highway lights Optional Standard Standard

| SPECIFICATION | M5050 DISC MOWER | M6050 DISC MOWER | M7050 DISC MOWER | M8050 DISC MOWER |
|------------------------------------|--|--|--|--|
| DIMENSIONS AND WEIGHTS | | | | |
| Transport width — standard | 7.8 ft (2.4 m) | 7.8 ft (2.4 m) | 7.8 ft (2.4 m) | 7.8 ft (2.4 m) |
| Transport length | 6.5 ft (2 m) | 6.5 ft (2 m) | 6.5 ft (2 m) | 6.5 ft (2 m) |
| Transport height | 9.5 ft (2.9 m) | 10.5 ft (3.2 m) | 11.9 ft (3.6 m) | 13 ft (4 m) |
| Cutting width | 6.8 ft (2.1 m) | 7.8 ft (2.4 m) | 9.2 ft (2.8 m) | 10.5 ft (3.2 m) |
| Swath width | 4.6 ft (1.4 m) | 6.3 ft (1.9 m) | 7.1 ft (2.2 m) | 8.8 ft (2.7 m) |
| Working width | 7.9 ft (2.4 m) | 9 ft (2.7 m) | 10.4 ft (3.2 m) | 11.5 ft (3.5 m) |
| Working length | 6.5 ft (2 m) | 6.5 ft (2 m) | 6.5 ft (2 m) | 6.5 ft (2 m) |
| Total weight | 1,135 lb (514.8 kg) | 1,215 lb (551 kg) | 1,291 lb (585.6 kg) | 1,380 lb (626 kg) |
| Torque protection | Driveline: V-belt | Driveline: V-belt | Driveline: V-belt | Driveline: V-belt |
| TRACTOR REQUIREMENTS | | | | |
| Tongue/hitch | 3-point Quick Hitch, category II | 3-point Quick Hitch, category II | 3-point Quick Hitch, category II | 3-point Quick Hitch, category II |
| Drive PTO | 540 rpm | 540 rpm | 540 rpm | 540 rpm |
| PTO horsepower recommended | 45 hp (33.6 kW) | 60 hp (44.7 kW) | 70 hp (52.2 kW) | 80 hp (59.7 kW) |
| Hydraulic type | 1 auxiliary remote, single acting | 1 auxiliary remote, single acting | 1 auxiliary remote, single acting | 1 auxiliary remote, single acting |
| Hydraulic pressure | 1,700 psi (117.2 bar) | 1,700 psi (117.2 bar) | 1,700 psi (117.2 bar) | 1,700 psi (117.2 bar) |
| Hydraulic flow rate | 6 gpm (22.7 L/min) | 6 gpm (22.7 L/min) | 6 gpm (22.7 L/min) | 6 gpm (22.7 L/min) |
| CUTTER BAR | | | | |
| Cutter bar type | Standard | Standard | Standard | Standard |
| Cut height | 1.3 in - 3 in (3.2 cm - 7.6 cm) | 1.3 in - 3 in (3.2 cm - 7.6 cm) | 1.3 in - 3 in (3.2 cm - 7.6 cm) | 1.3 in - 3 in (3.2 cm - 7.6 cm) |
| Number of discs | 5 | 6 | 7 | 8 |
| Disc diameter | 19.7 in (50 cm) | 19.7 in (50 cm) | 19.7 in (50 cm) | 19.7 in (50 cm) |
| Disc speed | 2,850 rpm | 2,850 rpm | 2,850 rpm | 2,850 rpm |
| Number of blades | 10 | 12 | 14 | 16 |
| Angle adjustment | Top link on 3-point | Top link on 3-point | Top link on 3-point | Top link on 3-point |
| Quick-Clip® blade retention system | Standard | Standard | Standard | Standard |
| Curtain material | 1,400-g/m ² polyester woven material with flexible PVC covering | 1,400-g/m ² polyester woven material with flexible PVC covering | 1,400-g/m ² polyester woven material with flexible PVC covering | 1,400-g/m² polyester woven material with flexible PVC covering |
| 3-year limited cutter bar coverage | Standard | Standard | Standard | Standard |
| FEATURES | | | | |
| Optional swath formation | Optional swathwheel | Optional swathwheel | Optional swathwheel | Optional swathwheel |
| Skid shoes | Optional topping skid shoes; optional wear skids | Optional topping skid shoes; optional wear skids | Optional topping skid shoes; optional wear skids | Optional topping skid shoes; optional wear skids |
| | | | | |

DISC

MOWER

SPECIFICATIONS

Vermeer Corporation 1410 Vermeer Road East Pella, Iowa 50219 800-370-3659 • vermeer.com

Vermeer Corporation reserves the right to make changes in engineering, design and specifications; add improvements; or discontinue manufacturing at any time without notice or obligation.

Equipment and depictions shown are for illustrative purposes only and may display optional accessories or components specific to their global region. Please contact your local Vermeer dealer for more information on machine specifications.

Vermeer, the Vermeer logo, Quick-Clip, Quick-Change and Q3 are trademarks of Vermeer Manufacturing Company in the U.S. and/or other countries.

© 2022 Vermeer Corporation. All Rights Reserved.

22-01003 09/22 SG (15K) / PN#510505090

