

## grooming mowers



rear discharge - side discharge - flex-wing

When you've got demanding mowing projects in store, why settle for anything less than equipment that's rugged, reliable, and ready to go when you are?

With Frontier grooming mowers, you don't have to settle. Whether you choose the versatile flex-wing mowers, powerful rear discharge mowers, or sturdy side discharge mowers, you get exceptional strength, performance, and dependability with every pass. And check out this added benefit: 5-year warranty on Frontier gearboxes!

All Frontier grooming mowers come standard with features like spring-loaded idlers for increased belt life, saving you downtime. Plus, all blades are made from heat-treated alloy steel for maximum performance in a variety of conditions. And floating hitches flex to allow the mower to better follow the terrain with less stress and wear to the tractor drawbar. Now you can equip your Frontier grooming mower with optional pnuematic tires. They flex to absorb weight; providing less ground pressure and less vibration.

All these benefits and more add up to unrivaled mowing capacity. Why settle for anything less?

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# **Frontier Grooming Mov**



**GM1060R GM1072R** GM1084R **GM1190R** 

#### iMatch Quick-Attach Hitch System

Frontier rear and side discharge mowers can be configured to utilize the iMatch™ ASAE Category I quickattach hitch system. The innovative and affordable iMatch system converts a 3-point hitch to fixed hooks and attaching points, which allows for easy connection to iMatch-compatible grooming mowers, rotary cutters, blades, ballast boxes, tillers, and more. Simply back up your tractor and slide on the PTO shaft. Available on all 4000, 4010, and 90 Series Tractors, iMatch is a welcome alternative to the sometimes challenging and awkward task of lining up 3-point hitch implements. iMatch™ hitch conversion kit sold separately.

#### **Rear Discharge Mowers**

Whether grooming your grounds, parks, or sports fields, Frontier rear discharge mowers have your cutting needs covered.

All four models feature a lubricated roller bearing design and boltthrough solid rubber tires, reducing the possibility of roll off. And all models come standard with a quick-detach chain shield assembly for added safety.

What's more, a rounded front/tapered rear deck design allows for close mowing along trees, fences, buildings, and other obstacles. You'll increase your productivity by reducing time spent trimming.



# vers — Rugged. Reliable. Ready.



Specifically designed for large-area turf mowing, Frontier flex-wing mowers turn major jobs into miniscule ones, saving you time and money.

Flex-Wing Mowers

Each model features flexible wing decks for superior performance in commercial mowing applications. You'll zip through terrain, leaving a finish-quality cut. Plus, all come equipped with round front, tapered deck-style mower decks for a closer trim.

For added safety, the transport latching mechanism automatically engages when the decks are raised into transport position, and a quick-detach chain shield assembly is standard.

FM1012R FM1015R FM1017R



## specifications - rear discharge and side discharge mowers

| MODEL:                    | GM1060R                   | GM1072R                   | GM1084R                   | GM1060S                   | GM1072S                   | GM1190R                        |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------------|
| Туре                      | Rear discharge            | Rear discharge            | Rear discharge            | Side discharge            | Side discharge            | Rear discharge                 |
| Cutting width             | 60 inches                 | 72 inches                 | 84 inches                 | 60 inches                 | 72 inches                 | 90 inches                      |
| Cutting height range      | 1 to 5 inches             | 1 to 5 inches             | 1 to 4-1/2 inches         | 1-1/2 to 6 inches         | 1-1/2 to 6 inches         | 1-1/2 to 8 inches              |
| Tractor horsepower        | 15 to 40 hp               | 20 to 40 hp               | 25 to 40 hp               | 16 to 35 hp               | 16 to 35 hp               | 25 to 50 hp                    |
| Tractor PTO speed         | 540 rpm                        |
| Hitch                     | Category 1                     |
| Mower deck gearbox hp     | 40 hp                     | 40 hp                     | 40 hp                     | 40 hp                     | 40 hp                     | 50 hp                          |
| Approximate weight        | 600 lb.                   | 650 lb.                   | 750 lb.                   | 500 lb.                   | 550 lb.                   | 1,213 lb.                      |
| Drive type                | Gearbox over v-belt       | Gearbox over (2) v-belts       |
| Driveline                 | Category 3                | Category 4                     |
| Blade dimensions          | (3) 1/4 x 2-1/2 inches    | (3) 1/4 x 2-1/2 inches    | (3) 5/16 x 2-1/2 inches   | (3) 1/4 x 2-1/2 inches    | (3) 1/4 x 2-1/2 inches    | (6) 1/4 x 2-1/2 inches         |
| Blade composition         | Heat-treated alloy steel       |
| Blade spindles            | (3) Cast iron                  |
| Blade spindle bearings    | Tapered roller                 |
| Blade tip speed           | 16,830 fpm                | 16,830 fpm                | 16,730 fpm                | 15,200 fpm                | 16,600 fpm                | 15,570 fpm                     |
| Blade overlap             | 1-1/2 inches              | 1-1/2 inches              | 2 inches                  | 1-1/8 inches              | 1 inch                    | 1-1/4 inches                   |
| Cutting height adjustment | Spacer on caster          | Adjustable arm                 |
| Deck thickness            | 8-gauge steel plate       | 7-gauge steel plate            |
| Belts                     | B section, Kevlar®        | Power band, B section, Kevlar® |
| Belt adjustment           | Spring-loaded idler            |
| Caster wheels             | (4) 10 x 3-1/4 in., solid | (4) 13 x 5 in., solid          |
| Caster wheel bearings     | Roller bearings           | Roller bearings           | Roller bearings           | Roller bearings           | Roller bearings           | Tapered roller bearings        |
| Pnuematic tires           | Optional                  | Optional                  | Optional                  | Optional .                | Optional                  | Optional                       |

### specifications - flex-wing mowers

| MODEL:                    | FM1012R                        | FM1015R                        | FM1017R                        |
|---------------------------|--------------------------------|--------------------------------|--------------------------------|
| Туре                      | Flex-wing, rear discharge      | Flex-wing, rear discharge      | Flex-wing, rear discharge      |
| Cutting width             | 12 feet                        | 15 feet                        | 17 feet                        |
| Cutting height range      | 1 to 5 inches                  | 1 to 5 inches                  | 1 to 5 inches                  |
| Wing deck cutting width   | 4 feet                         | 5 feet                         | 6 feet                         |
| Center deck cutting width | 5 feet                         | 6 feet                         | 6 feet                         |
| Deck overlap              | 6 inches                       | 6 inches                       | 6 inches                       |
| Overall width             | 146 inches                     | 182 inches                     | 206 inches                     |
| Transport width           | 99 inches                      | 100 inches                     | 98 inches                      |
| Maximum overall length    | 173 inches                     | 176 inches                     | 176 inches                     |
| Transport length          | 158 inches                     | 161 inches                     | 161 inches                     |
| Transport height          | 72 inches                      | 99 inches                      | 105 inches                     |
| Tractor horsepower        | 30 to 80 hp                    | 35 to 80 hp                    | 40 to 80 hp                    |
| Tractor PTO speed         | 540 rpm                        | 540 rpm                        | 540 rpm                        |
| Hitch                     | Drawbar                        | Drawbar                        | Drawbar                        |
| Splitter gearbox hp       | 100 hp                         | 100 hp                         | 100 hp                         |
| Mower deck gearbox hp     | 40 hp                          | 40 hp                          | 40 hp                          |
| Approximate weight        | 2,900 lb.                      | 3,120 lb.                      | 3,270 lb.                      |
| Transport tongue weight   | 700 lb.                        | 720 lb.                        | 800 lb.                        |
| Operating tongue weight   | 310 lb.                        | 330 lb.                        | 400 lb.                        |
| Ground pressure           | 9.0 lb. per square inch        | 9.7 lb. per square inch        | 10.2 lb. per square inch       |
| Drive type                | Gearbox over v-belt            | Gearbox over v-belt            | Gearbox over v-belt            |
| Gearbox ratio             | 1:1.92                         | 1:1.92                         | 1:1.92                         |
| Wing Driveline            | Category 3                     | Category 3                     | Category 3                     |
| Blade dimensions          | (7) 1/4 x 2-1/2 inches         | (9) 1/4 x 2-1/2 inches         | (9) 1/4 x 2-1/2 inches         |
| Blade composition         | Heat-treated alloy steel       | Heat-treated alloy steel       | Heat-treated alloy steel       |
| Blade spindles            | (7) Cast iron                  | (9) Cast iron                  | (9) Cast iron                  |
| Blade spindle bearings    | Tapered roller                 | Tapered roller                 | Tapered roller                 |
| Blade tip speed           | 16,950 fpm                     | 16,950 fpm                     | 16,950 fpm                     |
| Blade overlap             | 1-1/2 inches                   | 1-1/2 inches                   | 1-1/2 inches                   |
| Cutting height adjustment | Spacer on caster               | Spacer on caster               | Spacer on caster               |
| Hitch adjustment          | Self-leveling, multi-position  | Self-leveling, multi-position  | Self-leveling, multi-position  |
| Input driveline           | Category 4 CV                  | Category 4 CV                  | Category 4 CV                  |
| Deck thickness            | 8-gauge steel plate            | 8-gauge steel plate            | 8-gauge steel plate            |
| Deck lift cylinders       | 3-1/2 x 10-inch, single acting | 3-1/2 x 10-inch, single acting | 3-1/2 x 10-inch, single acting |
| Mainframe construction    | 3-inch square tubing           | 3-inch square tubing           | 3-inch square tubing           |
| Belts                     | B section, Kevlar®             | B section, Kevlar®             | B section, Kevlar®             |
| Belt adjustment           | Spring-loaded idler            | Spring-loaded idler            | Spring-loaded idler            |
| Caster wheels             | (8) 15 x 6-6 pneumatic         | (8) 15 x 6-6 pneumatic         | (8) 15 x 6-6 pneumatic         |
| Caster wheel bearings     | Roller bearings                | Roller bearings                | Roller bearings                |
| Transport tires           | (2) 20.5 x 8-10                | (2) 20.5 x 8-10                | (2) 20.5 x 8-10                |

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