



Colectomatic® MARK III





Colectomatic[®] MARK III

SPECIFICATIONS

BODY (incl. tailgate)

| | 16 cu. yd. | 20 cu. yd. | 25 cu. yd. |
|---|------------|------------|-------------|
| Length (overall) | 187¼" | 217¼" | 240¼" |
| Length (at body floor) | 130" | 160" | 183" |
| Width | 95¾" | 95¾" | 95¾" |
| Height (above chassis frame) | 83" | 83" | 90" |
| C/G (avg. loaded from front head) | 87" | 101" | 111" |
| C/G (empty from front head) | 97" | 111" | 121" |
| Weight (approx.) | 9,200 lbs. | 9,700 lbs. | 10,500 lbs. |

TAILGATE (all sizes)

| | |
|-----------------------|--|
| Hopper capacity | 1.4 cubic yards |
| Loading height | 16 cu. yd. & 20 cu. yd. 5" below chassis frame |
| Loading height | 25 cu. yd. 9" below chassis frame |
| Hopper width | 80" |
| Load opening | 54" (bottom of hopper to tip of blade full-up) |
| Cycle time | 14-18 seconds |

STEEL GAUGES

| | |
|-------------------------|--------------------------|
| Body sides & roof | 11 ga. hi-tensile |
| Body floor | 10 ga. hi-tensile |
| Tailgate | 12 ga. HRS |
| Ejector panel | 12 ga. hi-tensile |
| Hopper sides | 1/4" hi-tensile |
| Hopper floor | 3/16" & 5/16" hi-tensile |
| Packing blade | 3/16" hi-tensile |

CYLINDERS

| | |
|-------------------------------|--|
| Packing blade | 2-5" bore × 16" stroke, double acting (5½" available as an option) |
| Hopper | 2-5" × 16" stroke, double acting telescopic |
| Ejector (16 cu. yd.) | 1-3 stage double acting telescopic |
| Ejector (20-25 cu. yd.) | 1-4 stage double acting telescopic |
| Tailgate raise | 2-2¾" bore × 22" stroke |

HYDRAULICS

| | |
|----------------------------------|---|
| Pump | 22 gpm @ 1000 rpm @ 0 psi |
| Filter | return line, 25 micron, replaceable element |
| Maximum operating pressure | 2500 psi |

OPTIONAL EQUIPMENT

• left side access door • left side control station • left side buzzer • reversible cutting edge packing blade • bulky object switch • 100,000 psi steel hopper floor • automatic safety door • heavy duty packing cylinders • air operated pto • auxiliary engine drive • extra capacity hopper (1.8 cu. yd. 5" above chassis frame—other sizes available on special order) • container mechanisms (all require extra capacity hopper)(1) arm type hydraulic for 1-3 cu. yd. Heil type containers(2) chain type hydraulic for 1-3 cu. yd. containers(3) 8000 lb. winch for 4-10 cu. yd. containers.

CHASSIS REQUIREMENTS

| | 16 cu. yd. | 20 cu. yd. | 25 cu. yd. |
|--------------------------------------|-------------|-------------|-------------|
| C/A (single axle) ¹ | 102" | 120-132" | N/A |
| C/T (tandem axle) | N/A | 116" | 138" |
| Recommended GVWR ² | 27,000 lbs. | 32,000 lbs. | 41,000 lbs. |
| Minimum GVWR ² | 24,000 lbs. | 27,000 lbs. | 41,000 lbs. |

¹ May be increased 6" by optional, extra cost forward mounting.
² Based on 9000 lb. front axle, except 16 cu. yd. based on 7000 lb.

The company reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used herein.



THE HEIL CO.
 MILWAUKEE, WISCONSIN 53201
 Cable Address: HEILCO

HEIL Colectomatic® **MARK IV**





Colectomatic[®] MARK IV

SPECIFICATIONS

BODY (incl. tailgate)

| | 16 cu. yd. | 20 cu. yd. | 25 cu. yd. |
|---|------------|------------|-------------|
| Length (overall) | 196" | 226" | 249" |
| Length (at body floor) | 130" | 160" | 183" |
| Width | 95¾" | 95¾" | 95¾" |
| Height (above chassis frame) | 83" | 83" | 90" |
| C/G (empty from front head) | 105" | 122" | 135" |
| C/G (avg. loaded from front head) | 92" | 109" | 122" |
| Weight (approx.) | 9400 lbs. | 9900 lbs. | 10,700 lbs. |

TAILGATE (all sizes)

| | |
|-----------------------|--|
| Hopper capacity | 2.0 cubic yards |
| Loading height | 16 cu. yd. & 20 cu. yd. same as chassis frame |
| Loading height | 25 cu. yd. 4" below chassis frame |
| Hopper width | 80" |
| Load opening | 46" (bottom of hopper to tip of blade full-up) |
| Cycle time | 22-26 seconds |

STEEL GAUGES

| | |
|-----------------------------------|-------------------------|
| Body sides and roof | 11 ga. hi-tensile |
| Body floor & tailgate sides | 10 ga. hi-tensile |
| Ejector panel | 12 ga. hi-tensile |
| Packing blade | 3/16" hi-tensile |
| Hopper floor | 3/16" 100,000 psi steel |
| Hopper sides | 10 ga. hi-tensile |

CYLINDERS

| | |
|-------------------------------|---|
| Packing blade | 2-3½" bore × 21½" stroke, double acting |
| Slide | 2-4½" bore × 27" stroke, double acting |
| Ejector (16 cu. yd.) | 1-3 stage, double acting telescopic |
| Ejector (20-25 cu. yd.) | 1-4 stage, double acting telescopic |
| Tailgate raise | 2-3" bore × 31" stroke |

HYDRAULICS

| | |
|----------------------------------|---|
| Pump | 22 gpm @ 1000 rpm @ 0 psi |
| Filter | return line, 25 micron, replaceable element |
| Maximum operating pressure | 2500 psi |

OPTIONAL EQUIPMENT

• left side access door • left side buzzer • hopper floodlight • air operated pto • auxiliary engine drive • front mounted pump • extra capacity hopper (2.25 cu. yd. is 4" above chassis frame) • container mechanisms (require extra capacity hopper)(1.)arm type hydraulic for 1-3 cu. yd. Heil type containers.(2.)chain-cable mechanism for 1 to 3 cu. yd. containers.(3.)8000 lb. winch for 4 to 10 cu. yd. containers (chain-cable mechanism required).

CHASSIS REQUIREMENTS

| | 16 cu. yd. | 20 cu. yd. | 25 cu. yd. |
|-------------------------|-------------|-------------|-------------|
| C/A (single axle) | 102-110" | 132-140" | N/A |
| C/T (tandem axle) | N/A | 116" | 138" |
| Recommended GVWR* | 32,000 lbs. | 41,000 lbs. | 47,000 lbs. |
| Minimum GVWR* | 27,000 lbs. | 32,000 lbs. | 41,000 lbs. |

* Based on 9000 lb. front axle.

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THE HEIL CO.
MILWAUKEE, WISCONSIN 53201
Cable Address: HEILCO



Colectomatic® MARK V





Colectomatic[®] MARK V SPECIFICATIONS

BODY (incl. tailgate)

| | 20 cu. yd. | 25 cu. yd. |
|---|-------------|-------------|
| Length (overall) | 250" | 268" |
| Length (at body floor) | 166" | 184" |
| Width | 95¾" | 95¾" |
| Height (above chassis frame) | 94½" | 94½" |
| C/G (empty from front head) | 142" | 153" |
| C/G (avg. loaded from front head) | 124" | 136" |
| Weight (approx.) | 13,800 lbs. | 14,200 lbs. |

TAILGATE (all sizes)

| | |
|-----------------------|--|
| Hopper capacity | 3.2 cubic yards |
| Loading height | same as chassis frame |
| Hopper width | 80" |
| Load opening | 56" (bottom of hopper to tip of blade full up) |
| Cycle time | 34-38 seconds |

STEEL GAUGES

| | |
|---------------------------------|-------------------------|
| Body sides & roof | 11 ga. hi-tensile |
| Body floor | 10 ga. hi-tensile |
| Tailgate (upper sections) | 11 ga. hi-tensile |
| Ejector panel | 12 ga. hi-tensile |
| Hopper sides | 3/16" hi-tensile |
| Hopper floor | 3/16" 100,000 psi steel |
| Packing blade | 3/16" hi-tensile |

CYLINDERS

| | |
|----------------------|---|
| Packing blade | 2-5" bore × 30¼" stroke, double acting |
| Slide | 2-5½" bore × 34⅞" stroke, double acting |
| Ejector | 1-4 stage double acting telescopic |
| Tailgate raise | 2-4" bore × 27¾" stroke |

HYDRAULICS

| | |
|-------------------------------|---|
| Pump | 22 gpm @ 1000 rpm @ 0 psi |
| Filter | return line, 25 micron, replaceable element |
| Max. operating pressure | 2500 psi |

OPTIONAL EQUIPMENT

- left side access door • right and/or left side buzzer • hopper floodlight • air pto • auxiliary engine drive • front mounted pump • hand loading hopper (2.6 cubic yards is 5" below chassis frame) • hinged loading beam provides combination hopper 2.6 to 3.2 cu. yd. for hand loading and container routes • Container mechanisms (3.2 cu. yd. hopper required)(1.)chain-cable mechanism for 1-3 cu. yd. containers.(2.)8000 lb. winch for 4 to 10 cu. yd. containers (chain-cable mechanism required)

CHASSIS REQUIREMENTS

| | 20 cu. yd. | 25 cu. yd. |
|--------------------------|-------------|-------------|
| C/T (tandem axle) | 120" | 138" |
| Recommended GVWR * | 47,000 lbs. | 53,000 lbs. |
| Minimum GVWR * | 41,000 lbs. | 47,000 lbs. |

* Based on 9000 lb. front axle.

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SOLD AND SERVICED BY
MORSE BODY
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John Roberts



Front Loader





Front Loader SPECIFICATIONS

BODY

| | 24 cu. yd. | 30 cu. yd. |
|---|-------------|-------------|
| Length (at body floor) | 181 1/4" | 216 3/4" |
| Length (overall body only, tailgate not incl.) ¹ | 200 5/8" | 236 1/8" |
| Length (overall forks horizontal) | 364 5/8" | 400 1/8" |
| Width (inside) | 80" | 80" |
| Width (outside-front) | 86 1/4" | 86 1/4" |
| Width (overall) | 95 3/4" | 95 3/4" |
| Height (above chassis frame) ² | 98 3/16" | 98 3/16" |
| Height (above chassis frame arms & door raised) | 185" | 185" |
| C/G (empty from front head) | 50" | 63" |
| C/G (avg. loaded from front head) | 77" | 96" |
| Weight (approx.) | 15,900 lbs. | 16,800 lbs. |

¹ Add 11 5/8" for flatgate, 26 7/8" for 3 yd. bustle tailgate and 47 1/8" for 6 yd. bustle tailgate.

² Add 6 3/4" for hydraulic top door.

HOPPER OPENING (all sizes) 80" wide x 88" long

LIFTING MECHANISM (all sizes)

| | |
|---------------------------|-----------|
| Arm capacity (total) | 6000 lbs. |
| Arm width (inside) | 88 1/2" |
| Lift fork width (outside) | 77 1/2" |

STEEL GAUGES

| | |
|------------------------------------|-------------------|
| Sides, roof, tailgate and top door | 11 ga. hi-tensile |
| Bustle tailgate (Optional) | 10 ga. hi-tensile |
| Ejector panel | 10 ga. hi-tensile |
| Floor | 3/16" hi-tensile |

CYLINDERS

| | |
|--------------------------------------|---|
| Fork | 2-3" bore x 23 7/16" stroke, double acting |
| Arm | 2-5 1/2" bore x 27" stroke, double acting |
| Slave (actuates self-leveling forks) | 1-4" bore x 18 3/4" stroke, double acting |
| Ejector | 1-8 3/4" bore, double acting telescopic |
| Tailgate raise (optional) | 2-2 1/8" bore x 17 5/8" stroke, double acting |
| Top door (optional) | 1-4 1/2" bore x 26 1/2" stroke, double acting |

HYDRAULICS

| | |
|----------------------------|---|
| Pump | 22 gpm @ 1000 rpm @ 0 psi |
| Filter | return line, 25 micron, replaceable element |
| Maximum operating pressure | 2500 psi |

OPTIONAL EQUIPMENT

- automatic mechanically operated top door • automatic hydraulically operated top door • hydraulically operated tailgate • 3 yd. or 6 yd. bustle tailgate (hyd. operation required) • side shields • cab protector • cab scope • wash-out tank • air pto

CHASSIS REQUIREMENTS

| | 24 cu. yd. | 30 cu. yd. |
|-------------------|--------------------|--------------------|
| C/T (tandem axle) | 138" | 155" |
| Front axle rating | 16,000 lb. | 16,000 lb. |
| Minimum GVWR | 45,000 lb. | 50,000 lb. |
| Front tires | 12:00 x 20 - 16 pl | 12:00 x 20 - 16 pl |

- tilt cab required • power steering recommended • clear frame both sides for a distance of at least 40" behind back of cab.

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