

Livestock Scales

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Single Animal Livestock Scale

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RoughDeck® SLV

Single Animal Livestock Scale



Approvals



Part Number/Price

| Part # | Outside Dimensions | Capacity | Est. Weight | Price |
|--|--------------------|---|-------------|------------|
| 103617 | 8 × 3 ft | 4,000 lb, 20 ft without Quick Connect, modified to fit gate and rack (scale platform only) | 565 lb | \$3,300.00 |
| 78452 | 8 × 3 ft | 4,000 lb, 20 ft without Quick Connect (gate and rack not included) (scale platform only) | 565 lb | \$3,300.00 |
| 103619 | 8 × 4 ft | 4,000 lb, 20 ft without Quick Connect, modified to fit gate and rack (scale platform only) | 750 lb | \$3,400.00 |
| 78453 | 8 × 4 ft | 4,000 lb, 20 ft without Quick Connect (gate and rack not included) (scale platform only) | 750 lb | \$3,400.00 |
| RoughDeck SLV 4,000 lb Bundle Package (Ships Assembled) | | | | |
| 124192 | 8 × 3 ft | Includes: scale, 2 swing gates and racks, kick plates, 482 digital indicator, factory calibration | 1,200 lb | \$6,000.00 |
| 160100 | 8 × 3 ft | Includes: scale, 2 sliding gates and racks, kick plates, 482 digital indicator, factory calibration | 1,310 lb | \$8,800.00 |
| 124193 | 8 × 4 ft | Includes: scale, 2 swing gates and racks, kick plates, 482 digital indicator, factory calibration | 1,500 lb | \$6,500.00 |

Options/Accessories

| Part # | Description | Price |
|---------|---|----------------------------|
| Consult | Smooth deck instead of diamond safety tread plate | N/C |
| Consult | Stainless steel load cells (RL32018S IP66) and hardware | \$128.00 list price add-on |
| Consult | Stainless steel hermetically sealed load cells (RL32218S-HE IP69K) and hardware | \$468.00 list price add-on |
| Consult | Angle iron bolted to scale for wood deck provisions (wood to be supplied by customer) | \$225.00 |
| Consult | Rubber mat | Consult |
| Consult | Slide gate | Consult |
| 18777 | Floor anchor plates, mild steel (set of 2) | \$38.00 |
| 18778 | Floor anchor plates, stainless steel (set of 2) | \$50.00 |

Standard Features

- Mild steel construction
- Rugged diamond safety treadplate deck
- Rigid structural steel channel frame
- NEMA Type 4X stainless steel side-access junction box without quick connector
- Signal trim summing board
- Four adjustable stainless steel SUREFOOT™ support feet
- SURVIVOR® EL147HE hostile environment load cell cable
- Four alloy steel load cells

Specifications

End Load Capacity:

125% full scale

Cable Length:

20 ft (6 m)

Capacity:

4,000 × 1 lb

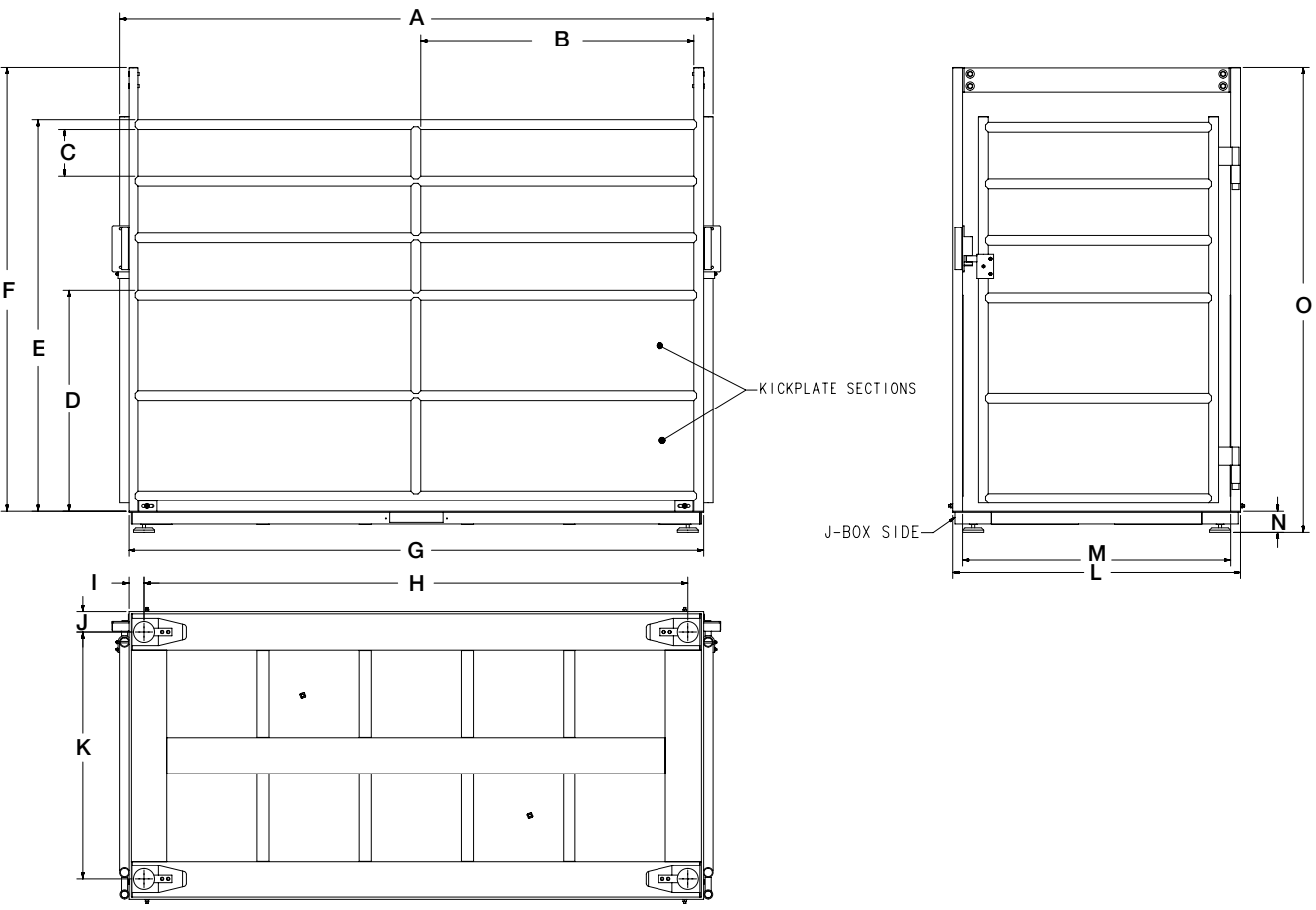
Warranty:

Two-year limited (scale only)

Approvals:

NTEP 92-001 Class III 4,000d

Capacity not to exceed 4,000 lb x 1 lb and platform size not to exceed 32 sq ft

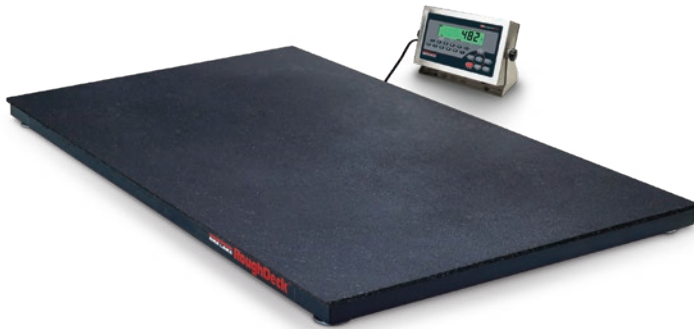


Dimensions

| RoughDeck SLV | | | |
|---------------|----------|---|----------|
| 3 × 8 ft | | | |
| A | 99.12 in | I | 2.63 in |
| B | 45.56 in | J | 3.38 in |
| C | 7.88 in | K | 29.25 in |
| D | 36.95 in | L | 36.00 in |
| E | 65.45 in | M | 32.75 in |
| F | 74.00 in | N | 3.50 in |
| G | 95.00 in | O | 77.58 in |
| H | 90.75 in | | |
| 4 × 8 ft | | | |
| A | 99.12 in | I | 2.63 in |
| B | 45.56 in | J | 3.38 in |
| C | 7.88 in | K | 41.25 in |
| D | 36.95 in | L | 48.00 in |
| E | 65.45 in | M | 44.75 in |
| F | 74.00 in | N | 3.50 in |
| G | 95.00 in | O | 77.58 in |
| H | 90.75 in | | |

RoughDeck® EQ

Equine Floor Scale and Indicator Package



Part Number/Price

| Part # | Size (W × L × H) | Capacity | Est. Weight | Price |
|--|-----------------------|----------------|-------------|------------|
| RoughDeck EQ Floor Scale with 482 Indicator | | | | |
| 207811 | 4 ft × 6 ft × 4.25 in | 2,500 × 0.5 lb | 610 lb | \$3,640.00 |

Note: Height includes stall mat

Options/Accessories

| Part # | Description | Price |
|----------------|--|-----------------------------|
| Consult | Access ramps | + Consult list price add-on |
| Consult | Smooth deck instead of diamond safety tread plate | N/C |
| 12839* | 50 lb cast iron calibration weights | \$160.00 |
| 207812 | Guide rail, 5.66 ft long × 4.36 ft high, field installable, black matte finish | +\$295.00 list price add-on |
| 18777 | Floor anchor plates | \$38.00 |
| Consult | Hermetically sealed load cells | Consult |

*Quantity of 5 weights is recommended for 10% of capacity.



RoughDeck EQ with two optional guide rails installed

Standard Features

- Package includes 4 ft × 6 ft × 4.25 in floor scale with stall mat, 20 ft of SURVIVOR EL147HE hostile environment load cell cable and indicator
- Mat thickness 0.75 in

Scale

- Heavy-duty design with structural steel channel frame
- Stall mat to reduce noise and instill equine comfort
- 4 adjustable stainless steel SUREFOOT™ support feet
- Powder-coated black matte finish

Indicator

- LCD backlit display for a variety of environments
- Battery backed time and date
- Communication ports for connecting to a variety of peripherals

RoughDeck EQ Specifications

End Load Capacity:

100% full scale at 2,500 lb

Load Cells:

Model RL32018 alloy steel environmentally sealed IP66

Junction Box:

Side access, TuffSeal JB4SS stainless steel, NEMA Type 4X with a signal card

Feet:

Stainless steel SUREFOOT, adjustable (+0.25 in or -0.125 in) for leveling the scale

Finish:

Powder coat painted, black matte

Cable Length:

20 ft (6.1 m) for connecting scale junction box to indicator

Threaded Eyebolt:

One lifting hole located in center of scale for easy install (requires 1/2-20NF eyebolt, not included)

Warranty:

Two-year limited

482 Specifications

Power:

Line voltages: 100 to 240 VAC
Frequency: 50/60 Hz
DC voltages: n/a

Communication Ports:

Com 1: RS-232 full duplex
Com 2: RS-232 full duplex or 20 mA simplex, continuous
Both ports 1200, 2400, 4800, 9600, 19200, 38400 baud seven or eight data bits, even, odd or no parity

Optional Ethernet and USB Board:

USB five-pin header for PC, printer or flash drive
Ethernet TCP/IP, RJ45 jack, server and client ports

Display:

LCD backlit, transmissive/ transreflective, 0.8 in (20 mm), six-digit, seven-segment

Annunciators:

Gross, net, center of zero, standstill, lb, kg, tare, preset tare

Keys/Buttons:

Flat membrane panel, embossed keys, tactile feel

Rating/Material:

NEMA Type 4X/IP66
Stainless steel

Approvals:

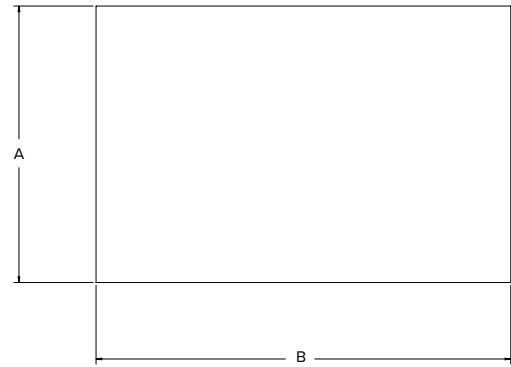
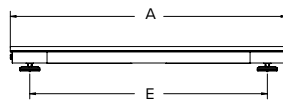
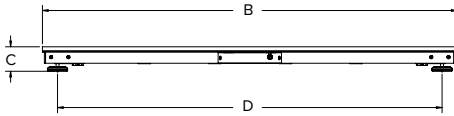
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Measurement Canada AM-5892C
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Dimensions

RoughDeck EQ

4 ft × 6 ft × 4.25 in with No Optional Guide Rail

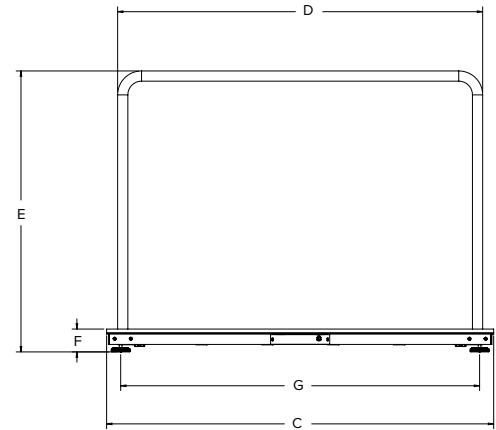
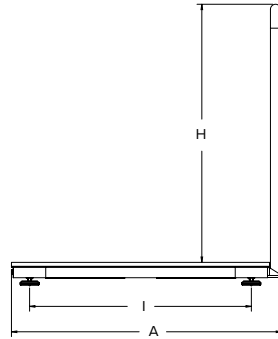
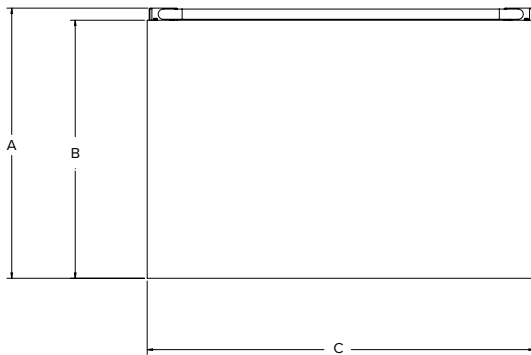
| | | | |
|---|----------|---|----------|
| A | 48.00 in | D | 66.76 in |
| B | 72.00 in | E | 41.25 in |
| C | 4.25 in | | |



RoughDeck EQ

4 ft × 6 ft × 4.25 in with One Optional Guide Rail

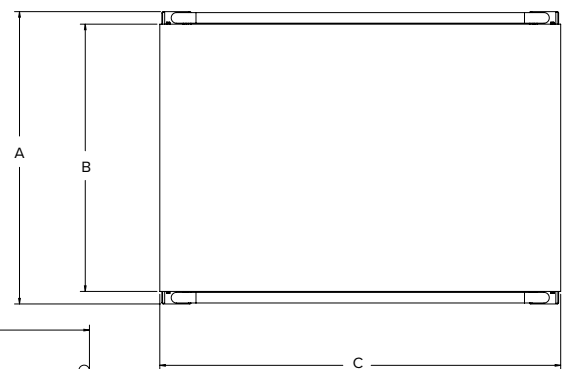
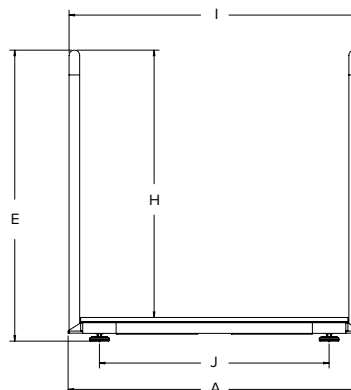
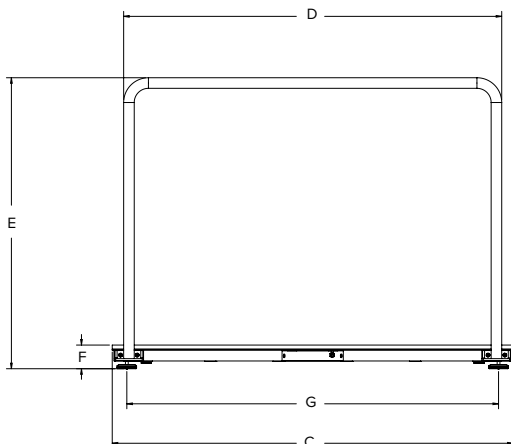
| | | | |
|---|----------|---|----------|
| A | 50.25 in | F | 4.25 in |
| B | 48.00 in | G | 66.76 in |
| C | 72.00 in | H | 48.00 in |
| D | 67.90 in | I | 41.25 in |
| E | 52.26 in | | |



RoughDeck EQ

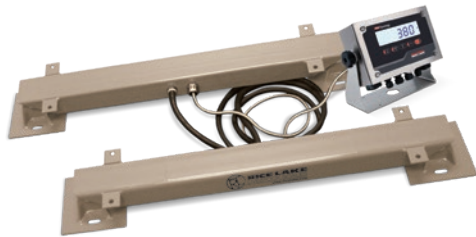
4 ft × 6 ft × 4.25 in with Two Optional Guide Rails

| | | | |
|---|----------|---|----------|
| A | 50.25 in | F | 4.25 in |
| B | 48.00 in | G | 66.76 in |
| C | 72.00 in | H | 48.00 in |
| D | 67.90 in | I | 52.15 in |
| E | 52.26 in | J | 41.25 in |



Farm Bars

With 380 Indicator



Standard Features

- Indicator cable length 12 ft
- 3 ft ArmorGuard cable included
- Kit includes 380 Synergy Series digital weight indicator powered by 4 C-cell batteries (not included)
- Factory calibrated when sold with instrumentation
- Capacities from 2,500 to 10,000 lb

Part Number/Price

| Part # | Description | Est. Weight | Price |
|---------------------------|---|-------------|------------|
| With 380 Indicator | | | |
| 2,500 lb Capacity | | | |
| 214517 | 2,500U 22 – Farm Bar Kit, 22 in with 380, 2,500 capacity, square pads | 98 lb | \$3,400.00 |
| 5,000 lb Capacity | | | |
| 214518 | 5,000U 26 – Farm Bar Kit, 26 in with 380, 5,000 capacity, square pads | 117 lb | \$3,800.00 |
| 214519 | 5,000U 33 – Farm Bar Kit, 33 in with 380, 5,000 capacity, square pads | 123 lb | \$3,800.00 |
| 214520 | 5,000U 36 – Farm Bar Kit, 36 in with 380, 5,000 capacity, square pads | 128 lb | \$3,800.00 |
| 214521 | 5,000U 40 – Farm Bar Kit, 40 in with 380, 5,000 capacity, square pads | 134 lb | \$3,800.00 |
| 214522 | 5,000U 44 – Farm Bar Kit, 44 in with 380, 5,000 capacity, square pads | 140 lb | \$3,800.00 |
| 214523 | 5,000U 48 – Farm Bar Kit, 48 in with 380, 5,000 capacity, square pads | 146 lb | \$3,800.00 |
| 10,000 lb Capacity | | | |
| 214524 | 10,000U 32 – Farm Bar Kit, 32 in with 380, 10,000 capacity, square pads | 152 lb | \$4,800.00 |
| 214525 | 10,000U 36 – Farm Bar Kit, 36 in with 380, 10,000 capacity, square pads | 152 lb | \$4,800.00 |
| 214526 | 10,000U 48 – Farm Bar Kit, 48 in with 380, 10,000 capacity, square pads | 175 lb | \$4,800.00 |
| 214527 | 10,000U 60 – Farm Bar Kit, 60 in with 380, 10,000 capacity, square pads | 210 lb | \$4,800.00 |
| 214528 | 10,000U 72 – Farm Bar Kit, 72 in with 380, 10,000 capacity, square pads | 230 lb | \$4,800.00 |

Options/Accessories

| Part # | Description | Price |
|--------|---|----------|
| 159788 | Extension cable, farm bar, 10 ft long | \$260.00 |
| 127556 | Home run cable, 12 ft. long, 4-pin male to blunt end, for indicator | \$120.00 |
| 202711 | 380 indicator | \$635.00 |
| 206433 | Power supply, 12V 6W | \$52.00 |
| 23113 | Printer TM-U295 | \$685.00 |
| 71630 | Scale tickets, 500/pack | \$60.00 |
| 15547 | Blunt end to DB25, RS-232 cable for printer to indicator | \$70.00 |

Specifications

- Safe Overload:**
150%
- Full Scale Output:**
3mv/V nominal
Output is standardized for each model of load bar, consult factory for details
- Maximum Excitation:**
15 VDC
- Nonlinearity:**
0.02% full scale
- Hysteresis:**
0.02% full scale
- Bridge Resistance:**
350 ohm
- Temperature Range:**
-40 °F to 111 °F (-40 °C to 44 °C)
- Cable Configuration:**
8 ft between bars and 12 ft for the indicator
- Warranty:**
Two-year limited

380 Specifications

- Power:**
Batteries: 4 alkaline C-cell (not included)
Optional: 115/230 VAC to 12 VDC adapter
- Battery Life:**
100 hours on alkaline batteries with one 350 ohm load cell, no backlight
- Communication Ports:**
One RS-232 (three-wire)
One USB 2.0
- Display:**
Six 1 in (25 mm) tall, LCD digits
- Annunciators:**
g, lb, t, tn, kg, oz, battery level, PT, LT, gross, zero, unstable, net
- Keys/Buttons:**
5 tactile buttons
- Rating/Material:**
Enclosure: IP66
304 stainless steel
- Approvals:**
NTEP 12-123
Measurement Canada AM-5892
CE
cULus

Farm Bars

Without Instrumentation



Standard Features

- 3 ft ArmorGuard cable included
- Capacities from 2,500 to 10,000 lb

Specifications

Safe Overload:

150%

Full Scale Output:

3mv/V nominal

Output is standardized for each model of load bar, consult factory for details

Maximum Excitation:

15 VDC

Nonlinearity:

0.02% full scale

Hysteresis:

0.02% full scale

Bridge Resistance:

350 ohm

Temperature Range:

-40 °F to 111 °F (-40 °C to 44 °C)

Cable Configuration:

8 ft between bars and 12 ft for the indicator

Warranty:

Two-year limited

Part Number/Price

| Part # | Description | Est. Weight | Price |
|---------------------------|---|-------------|------------|
| 2,500 lb Capacity | | | |
| 152016 | 2,500 lb 22 – Farm Bar set, with square pads | 92 lb | \$3,100.00 |
| 5,000 lb Capacity | | | |
| 152018 | 5,000 lb 26 – Farm Bar set, with square pads | 111 lb | \$3,500.00 |
| 152019 | 5,000 lb 33 – Farm Bar set, with square pads | 117 lb | \$3,500.00 |
| 152020 | 5,000 lb 36 – Farm Bar set, with square pads | 122 lb | \$3,500.00 |
| 152021 | 5,000 lb 40 – Farm Bar set, with square pads | 128 lb | \$3,500.00 |
| 152022 | 5,000 lb 44 – Farm Bar set, with square pads | 134 lb | \$3,500.00 |
| 152023 | 5,000 lb 48 – Farm Bar set, with square pads | 140 lb | \$3,500.00 |
| 10,000 lb Capacity | | | |
| 185437 | 10,000 lb 32 – Farm Bar set, with square pads | 146 lb | \$4,400.00 |
| 152024 | 10,000 lb 36 – Farm Bar set, with square pads | 146 lb | \$4,400.00 |
| 152025 | 10,000 lb 48 – Farm Bar set, with square pads | 169 lb | \$4,400.00 |
| 152026 | 10,000 lb 60 – Farm Bar set, with square pads | 204 lb | \$4,400.00 |
| 152027 | 10,000 lb 72 – Farm Bar set, with square pads | 224 lb | \$4,400.00 |

Options/Accessories

| Part # | Description | Price |
|--------|---|----------|
| 159788 | Extension cable, farm bar, 10 ft long | \$260.00 |
| 127556 | Home run cable, 12 ft. long, 4-pin male to blunt end, for indicator | \$120.00 |
| 202711 | 380 indicator | \$635.00 |
| 23113 | Printer TM-U295 | \$685.00 |
| 71630 | Scale tickets, 500/pack | \$60.00 |
| 15547 | Blunt end to DB25, RS-232 cable for printer to indicator | \$70.00 |

Farm Bars

Dimensions

Dimensions

| Farm Bar 2,500U | | | | |
|-----------------|----------|----------|----------|---------|
| A | B* | C | D* | E |
| 22.00 in | 15.00 in | 19.75 in | 25.75 in | 4.00 in |

| Farm Bar 5,000U | | | | |
|-----------------|----------|----------|----------|---------|
| A | B* | C | D* | E |
| 26.00 in | 19.00 in | 23.75 in | 29.75 in | 4.00 in |
| 33.00 in | 26.00 in | 30.75 in | 36.75 in | 4.00 in |
| 36.00 in | 29.00 in | 33.75 in | 39.75 in | 4.00 in |
| 40.00 in | 33.00 in | 37.75 in | 43.75 in | 4.00 in |
| 44.00 in | 37.00 in | 41.75 in | 47.75 in | 4.00 in |
| 48.00 in | 41.00 in | 45.75 in | 51.75 in | 4.00 in |

| Farm Bar 10,000U | | | | |
|------------------|----------|----------|----------|---------|
| A | B* | C | D* | E |
| 32.00 in | 25.00 in | 29.75 in | 35.75 in | 4.00 in |
| 36.00 in | 29.00 in | 33.75 in | 39.75 in | 4.00 in |
| 48.00 in | 41.00 in | 45.75 in | 51.75 in | 4.00 in |
| 60.00 in | 53.00 in | 57.75 in | 63.75 in | 4.00 in |
| 72.00 in | 65.00 in | 69.75 in | 75.75 in | 4.00 in |

* B equals dimension A less 7 inches

* D equals dimension C plus 6 inches

