

# UNIC minicrawler-SPYDERCRANE Model w295

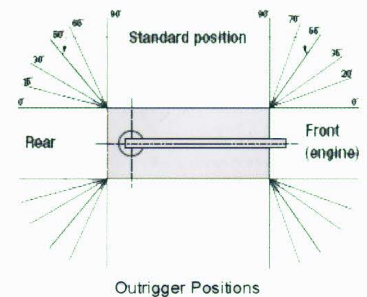
## Crane Specifications

| Crane Model          | w295CRS  | w295CMRS  | w295CDRS               |
|----------------------|--|---|------------------------|
| Engine Type          | Gasoline   | Electric Motor & Gasoline   | Diesel                 |
| Radio Remote Control | Standard   | Standard  | Standard               |
| Capacity             | 6475 lbs @ 4.6 ft  | 6475 lbs @ 4.6 ft   | 6475 lbs @ 4.6 ft      |
| Work Radius          | 1.4 to 28 ft   | 1.4 to 28 ft  | 1.4 to 28 ft           |
| Boom Sections        | 5  | 5   | 5                      |
| Boom Extending Speed | 20 ft / 20 sec   | 20 ft / 20 sec (Gas)<br>20 ft / 28 sec (Electric)   | 20 ft / 20 sec         |
| Boom Lift Speed      | 0° - 78° / 11.0 Sec  | 0° - 78° / 11.0 Sec<br>0° - 78° / 15 Sec (Electric)   | 0° - 78° / 12.0 sec    |
| Winch Speed          | 131 ft / Minute at 4 <sup>th</sup> Layer   | 131 ft / Minute at 4 <sup>th</sup> Layer<br>89 ft / Minute at 4 <sup>th</sup> layer (Elect) |                        |
| Hook Above Ground    | 29 ft  | 29 ft   | 29 ft                  |
| Hook Below Ground    | 38 ft  | 38 ft   | 38 ft                  |
| Automatic Hook Stow  | Standard   | Standard  | Standard               |
| Boom Length          | Min 8.3 ft Max 28.4 ft   | Min 8.3 ft Max 28.4 ft  | Min 8.3 ft Max 28.4 ft |
| Outrigger Positions  | 53   | 53  | 53                     |
| Max Point Pressure   | 152.2 psi  | 152.2 psi   | 152.2 psi              |
| Hydraulic Oil Tank   | 7 gal  | 7 gal   | 7 gal                  |
| Safety Devices       | Turn-Over-Protection / Pressure Relief Valve for Hydraulic Circuit / Holding Valves for Boom Raising and Boom Telescoping / Pilot -Operated Check Valves for Outriggers/ Boom Angle Indicator with Load Chart / Automatic Mechanical Winch Brake / Hook Safety Latch / ATB System / Level / Crane and Running Lever Interlock Device |   |                        |

| W295CMRS Electric Motor Specifications |                         |
|--|-------------------------|
| Horsepower                             | 5                       |
| Voltage                                | AC 200-220V/60 Hz       |
| AC-DC Converter                        | 200 V (AC) - (DC)       |
| Recommended Power Cord                 | 4 Wire-3 Phase-10 gauge |

## ADDITIONAL FEATURES

- Radio Remote Control
- 24" Wide Travel Position
- Turn-Over-Protection
- Automatic Hook Stow
- Two Position Outrigger Legs
- Five Section Boom
- Capacity 6,475 lbs.



## Undercarriage Specifications

| Crane Model             | w295CRS                                   | w295CMRS | w295CDRS |
|-------------------------|---|----------|----------|
| Horsepower              | 13  |          |          |
| Fuel Tank               | 1.85 gal                                  | 1.85 gal | 1.85 gal |
| Max Speed (For-Rev)     | 1.43 mph                                  | 1.43 mph | 1.43 mph |
| Ground Pressure (psi)   | 6.96 psi                                  | 6.96 psi | 6.96 psi |
| Steering                | Left & Right Independent Hydraulic System |          |          |
| Parking Brake           | Hydraulic Motor Built in Disk Brake       |          |          |
| Hill Climbing Stability | 20°                                       | 20°      | 20°      |

## Dimensions and Weight

| Crane Model  | w295CRS   | w295CMRS  | w295CDRS  |
|--------------|-----------|-----------|-----------|
| Total Width  | 24 inches | 24 inches | 24 inches |
| Total Height | 4.58 ft   | 4.77 ft   | 4.58 ft   |
| Total Length | 8.97 ft   | 8.97 ft   | 9.10 ft   |
| Wheelbase    | 3.5 ft    | 3.5 ft    | 3.5 ft    |
| Gross Weight | 4100 lbs  | 4380 lbs  | 4245 lbs. |

## Load Chart

| ALL BOOMS RETRACTED and SECOND STAGE EXTENDED |      |      |      |      |      |      |      |      |      |     |
|---|------|------|------|------|------|------|------|------|------|-----|
| Working Radius (ft)                           | 3    | 4.5  | 5    | 6    | 7    | 8    | 10   | 11   | 13   |     |
| Outriggers Maximum                            | 6475 | 6475 | 5920 | 5040 | 4595 | 3715 | 2940 | 2275 | 2055 |     |
| Outriggers Minimum                            | 4485 | 4485 | 4485 | 3270 | 2500 | 1505 | 1150 | 840  | 620  |     |
| THIRD STAGE EXTENDED                          |      |      |      |      |      |      |      |      |      |     |
| Working Radius (ft)                           | 7    | 8    | 9    | 10   | 11   | 13   | 15   | 16   | 18   |     |
| Outriggers Maximum                            | 3050 | 3050 | 3050 | 2830 | 2275 | 1835 | 1500 | 1215 | 1015 |     |
| Outriggers Minimum                            | 1835 | 1500 | 1240 | 1170 | 905  | 685  | 555  | 420  | 330  |     |
| FOURTH STAGE EXTENDED                         |      |      |      |      |      |      |      |      |      |     |
| Working Radius (ft)                           | 11   | 12   | 13   | 15   | 16   | 18   | 20   | 21   | 23   |     |
| Outriggers Maximum                            | 1945 | 1945 | 1725 | 1390 | 1170 | 995  | 860  | 775  | 665  |     |
| Outriggers Minimum                            | 995  | 815  | 730  | 620  | 485  | 375  | 290  | 245  | 200  |     |
| FIFTH STAGE EXTENDED                          |      |      |      |      |      |      |      |      |      |     |
| Working Radius (ft)                           | 12   | 13   | 15   | 16   | 18   | 20   | 21   | 23   | 26   | 28  |
| Outriggers Maximum                            | 1280 | 1280 | 1060 | 885  | 750  | 665  | 575  | 510  | 400  | 355 |
| Outriggers Minimum                            | 840  | 705  | 620  | 510  | 420  | 355  | 290  | 220  | 155  | 135 |

