



**JOHN DEERE**

## *Irrigation Applications*

### ***Diesel Engines***

# ***John Deere is your best choice for irrigation power.***

John Deere has been proving their performance and reliability in the field for more than 80 years. Our engines deliver dependable irrigation power, high performance, and world-class fuel economy in hot, dusty field conditions. And they are designed, built, and tested to meet the demands of tough agriculture work. With John Deere, you never have far to go to

find expert assistance. The more than 4,000 service locations throughout the world give you peace of mind that you can get service when and where you need it. Plus, all John Deere engines are backed by a solid 1-year/unlimited-hour or 2-year/2,000-hour warranty. An extended 5-year/5,000-hour warranty is available under certain conditions.

**Log on to [www.JohnDeere.com/dealer](http://www.JohnDeere.com/dealer) to find the service dealer nearest you.**



**BEYOND THE BOUNDARIES**

# Selecting the Right Irrigation Engine

## Diesel Engines



John Deere gives you irrigation power choices from 42 to 373 kW (56 to 500 hp) that meet current emissions regulations for all irrigation equipment. When an entire crop is at stake, you'll see why more farmers are choosing John Deere power for their irrigation units.

Below is a sampling of our engine ratings. Visit our Web site at [www.JohnDeere.com/specs](http://www.JohnDeere.com/specs) to view additional ratings.



### Tier 3/Stage III A PowerTech E™ Engines

| Engine Model              | Rated Speed rpm | Continuous |     | Fuel Data gal/hr | rpm  | Continuous |     | Fuel Data gal/hr |
|---------------------------|-----------------|------------|-----|------------------|------|------------|-----|------------------|
|                           |                 | kW         | hp  |                  |      | kW         | hp  |                  |
| <b>2-Valve Electronic</b> |                 |            |     |                  |      |            |     |                  |
| 4045H                     | 2400            | 86         | 115 | 6.4              | 1800 | 78         | 105 | 5.6              |
| 6068H                     | 2400            | 116        | 156 | 8.6              | 1800 | 105        | 141 | 7.4              |

### Tier 3/Stage III A PowerTech Plus™ Engines

| Engine Model              | Rated Speed rpm | Continuous |     | Fuel Data gal/hr | rpm  | Continuous |     | Fuel Data gal/hr |
|---------------------------|-----------------|------------|-----|------------------|------|------------|-----|------------------|
|                           |                 | kW         | hp  |                  |      | kW         | hp  |                  |
| <b>4-Valve Electronic</b> |                 |            |     |                  |      |            |     |                  |
| 6068H                     | 2400            | 168        | 225 | 11.0             | 1800 | 151        | 203 | 9.8              |
| 6090H                     | 2200            | 224        | 300 | 14.4             | 1800 | 224        | 300 | 14.3             |
| 6135H                     | 2100            | 373        | 500 | 25.4             | 1800 | 373        | 500 | 25.4             |

### Tier 2/Stage II PowerTech™ Engines

| Engine Model              | Rated Speed RPM | Continuous |    | Fuel Data gal/hr | rpm  | Continuous |    | Fuel Data gal/hr |
|---------------------------|-----------------|------------|----|------------------|------|------------|----|------------------|
|                           |                 | kW         | hp |                  |      | kW         | hp |                  |
| <b>2-Valve Mechanical</b> |                 |            |    |                  |      |            |    |                  |
| 4024T                     | 2800            | 42         | 56 | 3.3              | 1800 | 35         | 47 | 2.6              |
| 5030T                     | 2800            | 52         | 70 | 4.2              | 1800 | 44         | 59 | 3.2              |
| 5030H                     | 2800            | 63         | 84 | 4.6              | 1800 | 52         | 70 | 3.8              |
| 4045D                     | 2500            | 54         | 72 | 4.2              | 1800 | 46         | 62 | 3.3              |
| 4045T                     | 2200            | 67         | 90 | 4.9              | 1800 | 61         | 82 | 4.3              |

Take the guesswork out of estimating irrigation power requirements with our online Power Calculator: [www.JohnDeere.com/irrigation](http://www.JohnDeere.com/irrigation).



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2.4L 3.0L 4.5L 6.8L 9.0L 13.5L