

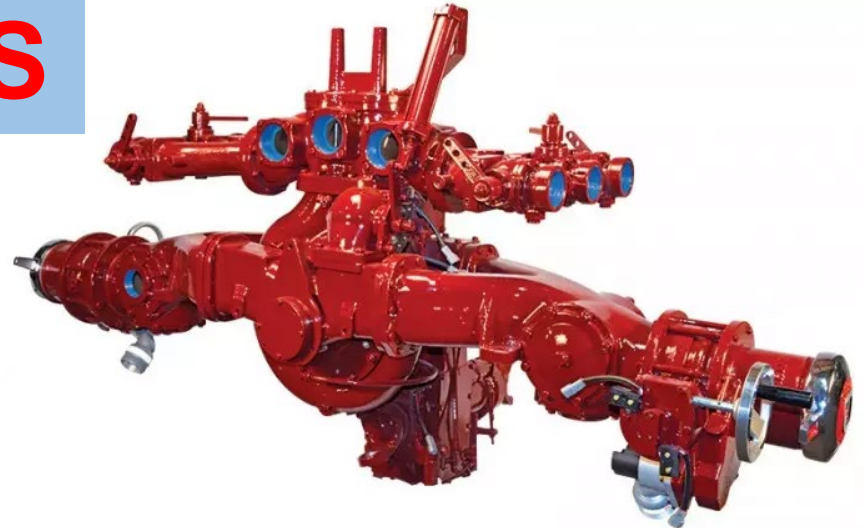
Fire Pumps



Single Stage

VS

Two Stage



Fire Pumps

Single Stage vs Two Stage

- Highlights the common properties between the two types of pumps.
 - Brief discussions on positive displacement and non-positive displacement.
- Discussion on single stage pump, construction, internal waterflow, hardware differences from two stage.
- Examples of different manufacturers single stage pump offerings.
- Highlight the differences between diesel engine performance and how that enabled the change to single stage pumps.
- Waterous videos on operation and internal waterflow in various pump styles.
- Discussion on two stage pump, construction, internal waterflow, hardware differences from single stage.
- Examples of different manufacturers two stage pump offerings.
- Hale Field Test results highlighting single stage and two stage pump test at high rise building results.
- Plumbing discussion on materials, plumbing practices, valve and pipe sizes to set your apparatus up to take full advantage of today's high volume pump outputs.
- Highlight different valve actuators and their operation.
- Highlight pump panel layouts.
 - Does your specification have pump panel layout approval?
- Duration 90 minutes.