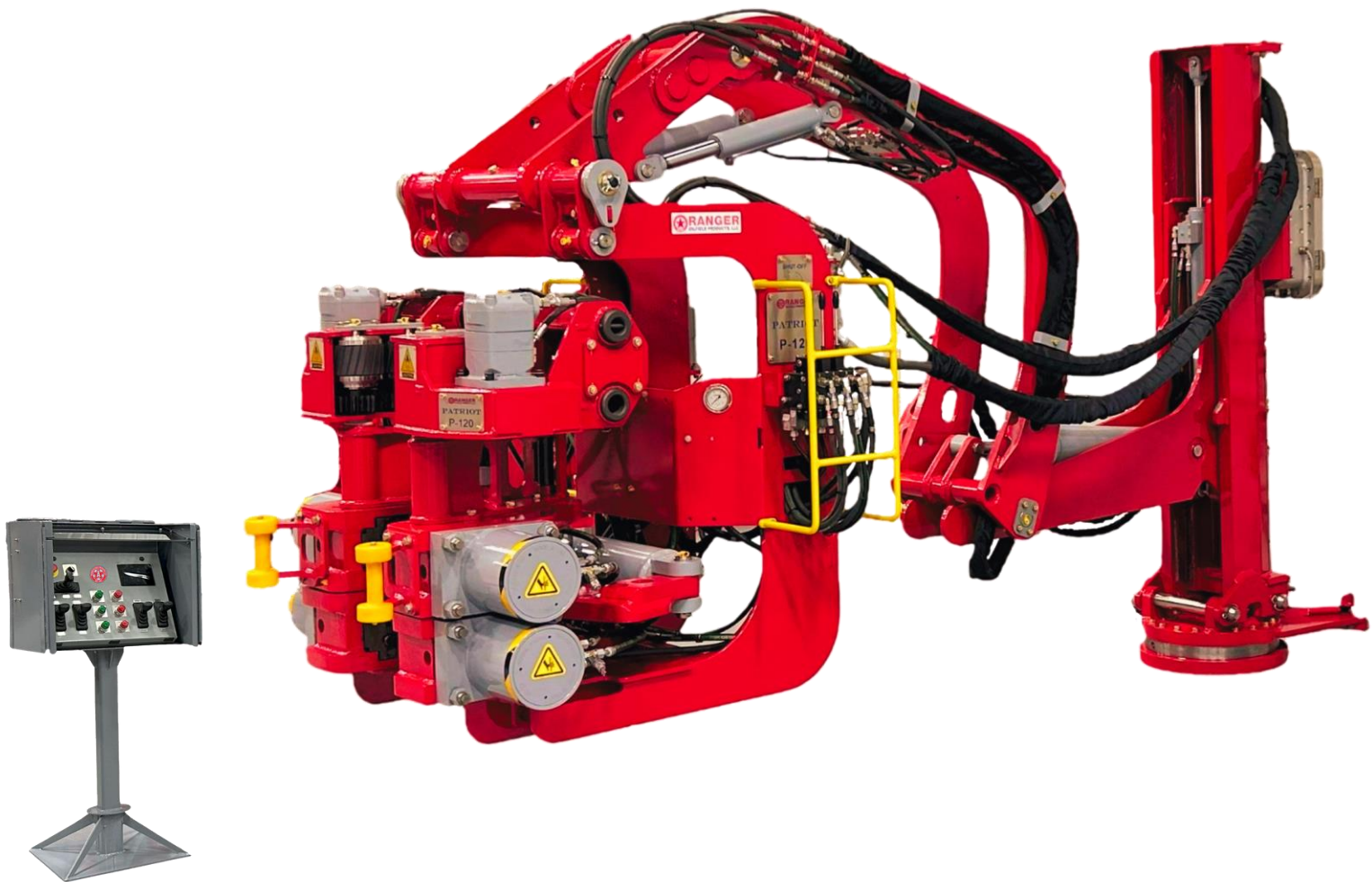


PATRIOT P120 IRON ROUGHNECK

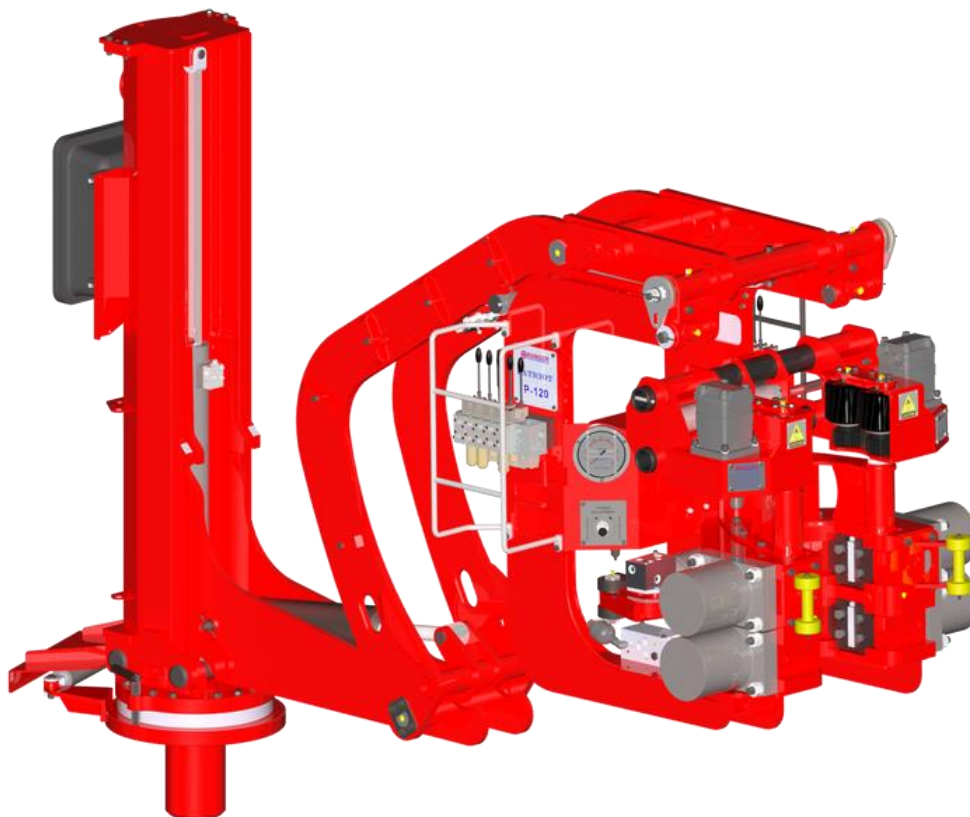
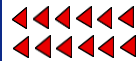
REMOTE OPERATED
SPECS





PATRIOT P120

IRON ROUGHNECK REMOTE OPERATED



WHY THE PATRIOT P120?

We're proud to announce the latest evolution of our latest PATRIOT P120 design, now engineered with new safety features tailored specifically for our customers operating on the rig. At Ranger Oilfield Products, safety is a top priority—and these improvements reflect our continued commitment to protecting crews while maximizing performance in the field.

Our team of experts have leaned on drilling performance data and client feedback to build a competitively priced Iron Roughneck that will handle the higher torques that are now being required in a drilling environment. The P120 is widely known to be easy to operate with a low cost of maintenance and overall cost of operations compared to other manufacturers.

The PATRIOT P120 features have allowed for faster slip to slip connection times, higher torquing capacity, and safer operations. The P120 can be built to operate manually or remote, with options to operate from a rig floor console or from inside the driller's cabin.

PATRIOT P120 SPECS



Hydraulic Requirements

Hydraulic Supply Pressure

Max: 2,900psi (20MPa) – 199.9bar

Min: 2,800psi (19.3MPa) – 193.5bar

Hydraulic Flow Rate

25 – 28gpm (93 – 106 lpm)

Spinner

Spin Speed (Rollers) 80 – 110rpm

Torque

Makeup 100,000.0ft.-lb max (135,580Nm)

Breakout 120,000.0ft.-lb max (162,696Nm)

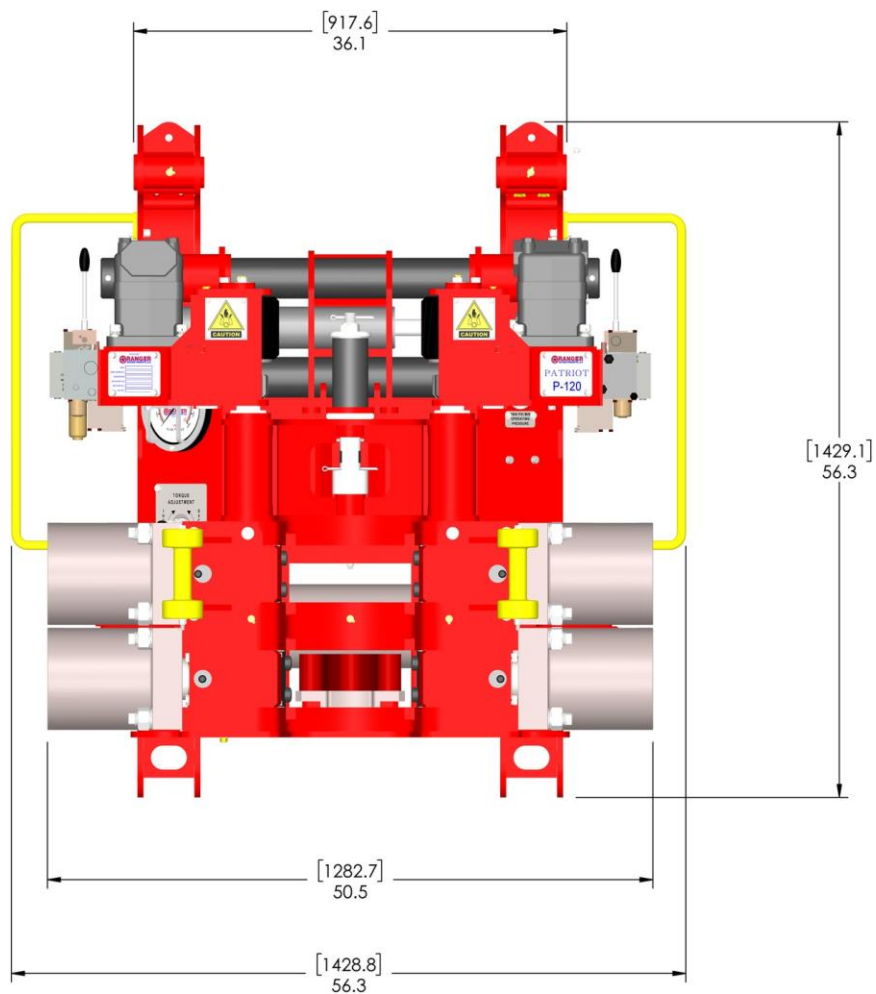
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PATRIOT P120

REMOTE OPERATED

DIMENSIONAL SPECS



drilling@psbvn.com



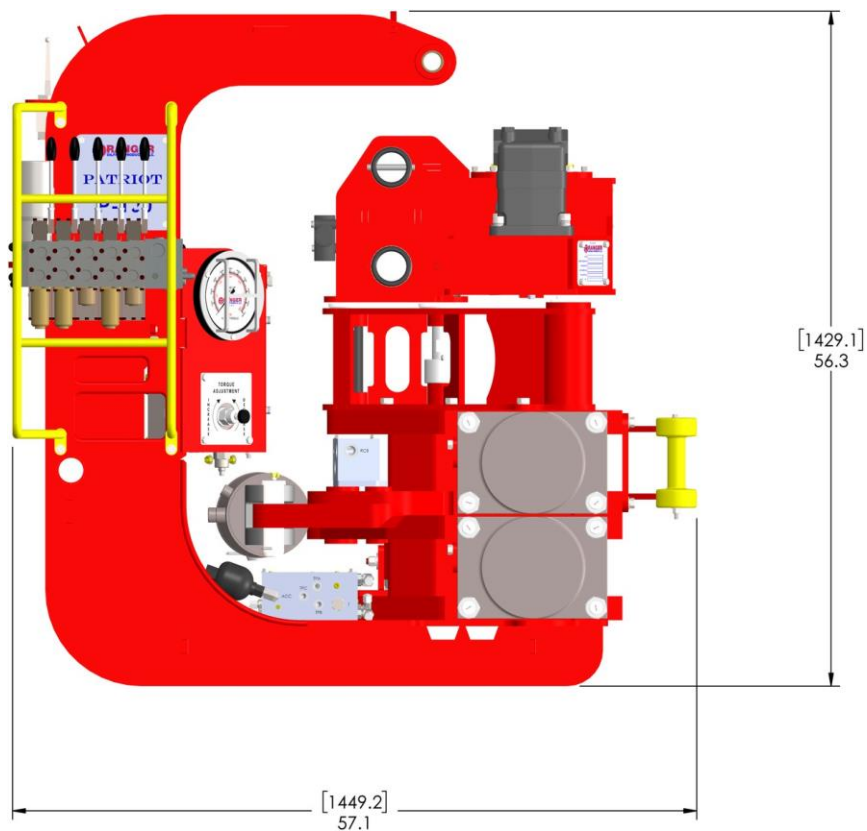
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SERVING THE DRILLING INDUSTRY SINCE 1987

PATRIOT P120

REMOTE OPERATED

DIMENSIONAL SPECS



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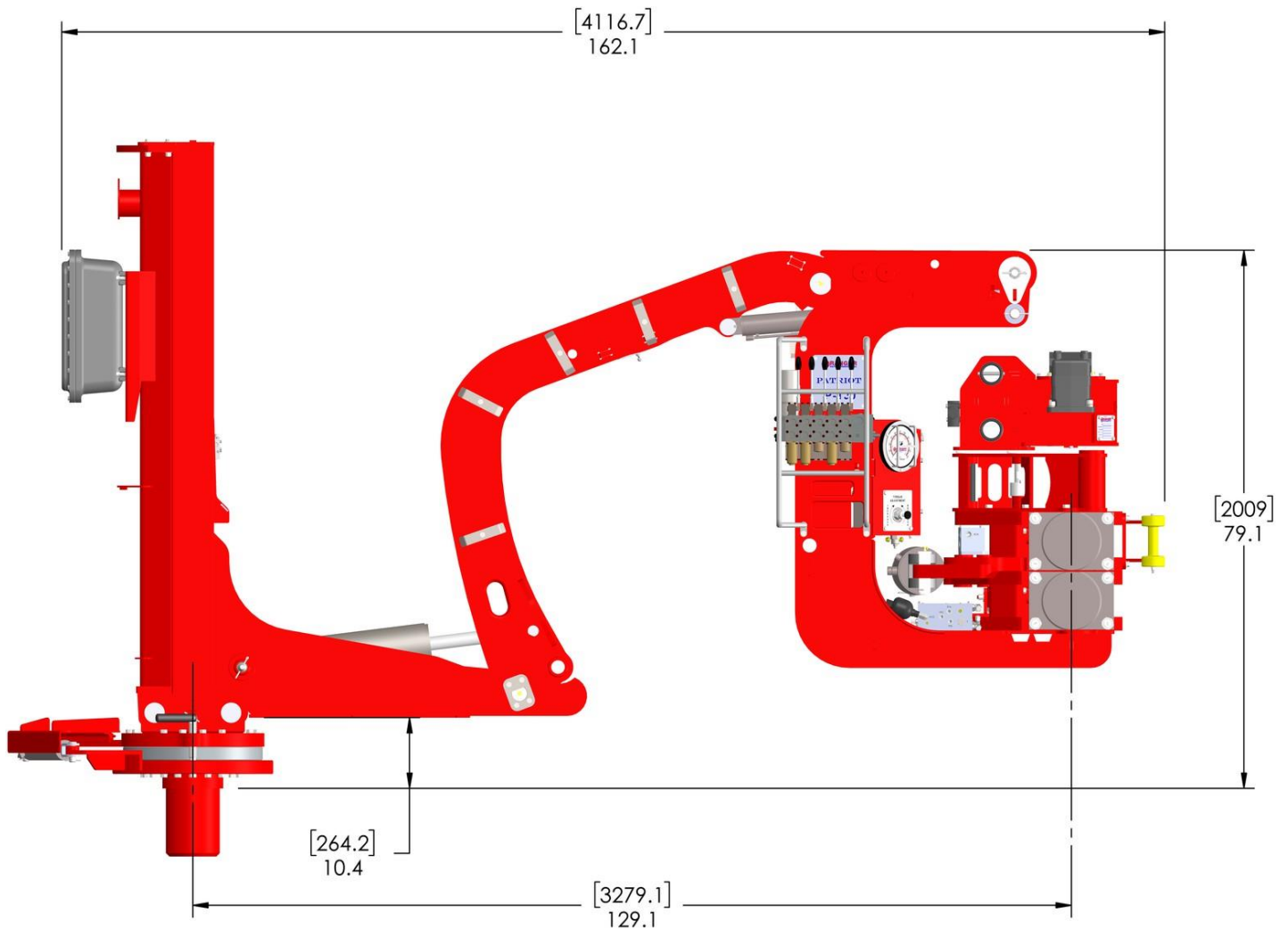
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PATRIOT P120

REMOTE OPERATED

DIMENSIONAL SPECS



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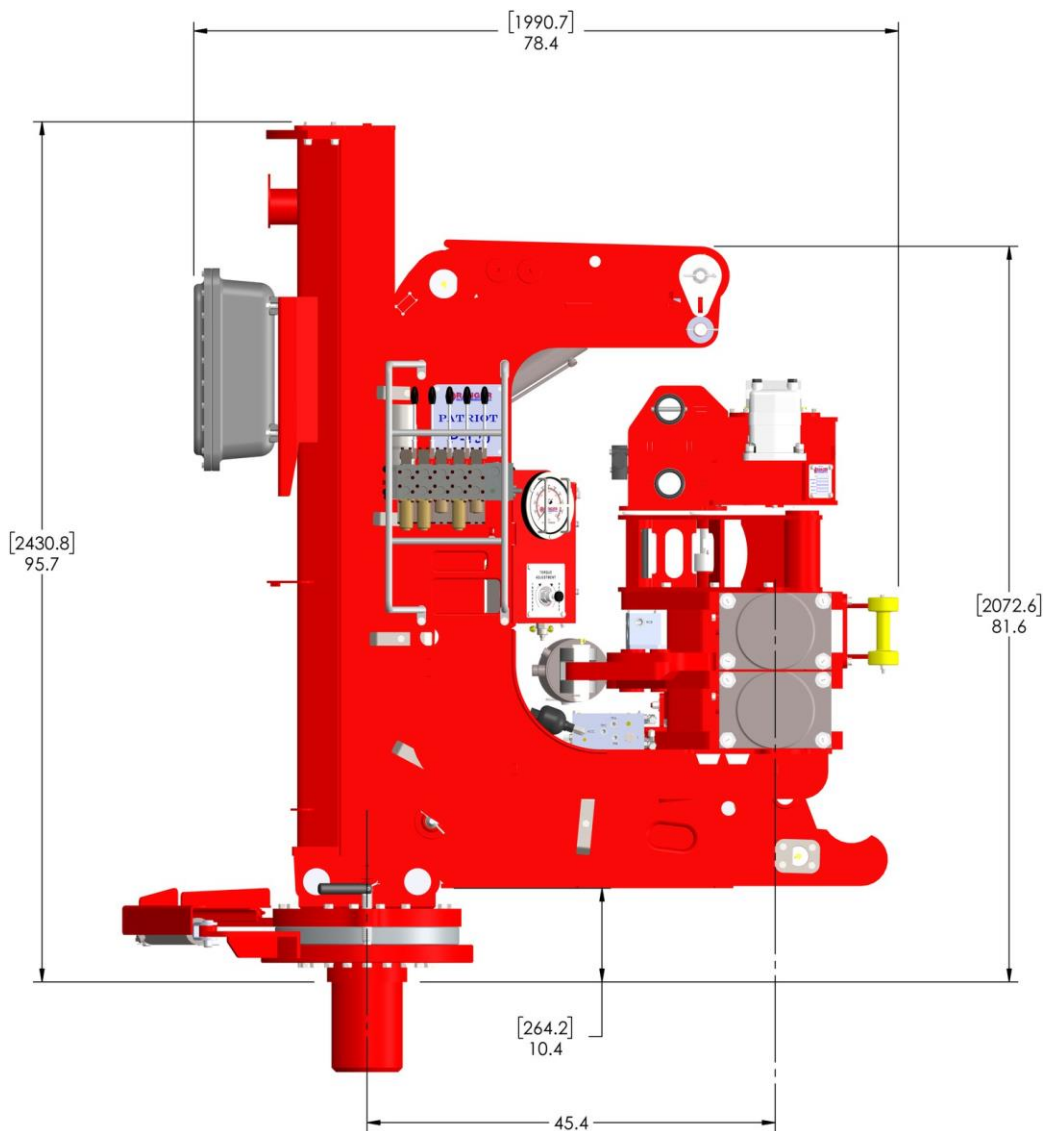
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PATRIOT P120

REMOTE OPERATED

DIMENSIONAL SPECS



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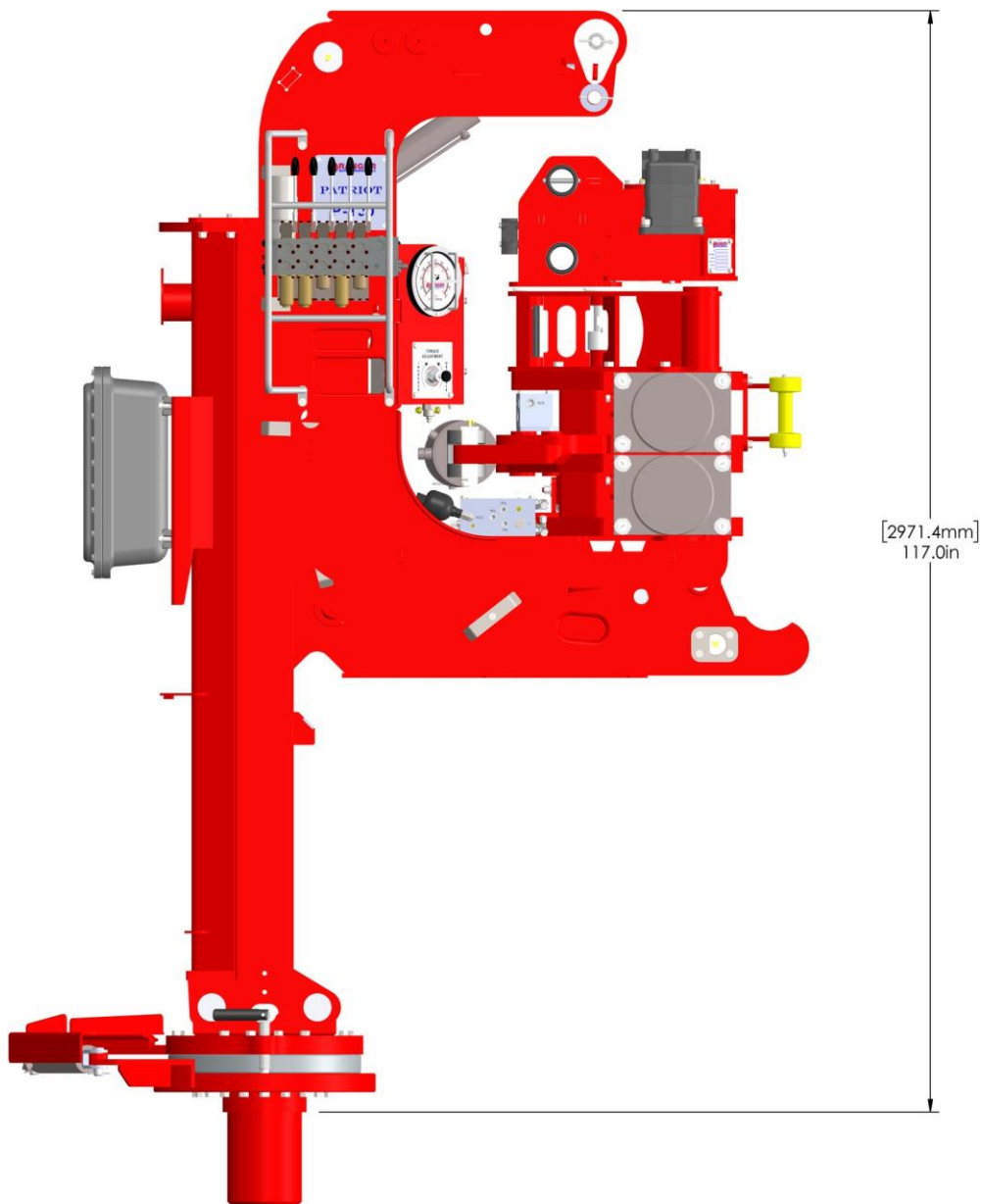
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PATRIOT P120

REMOTE OPERATED

DIMENSIONAL SPECS



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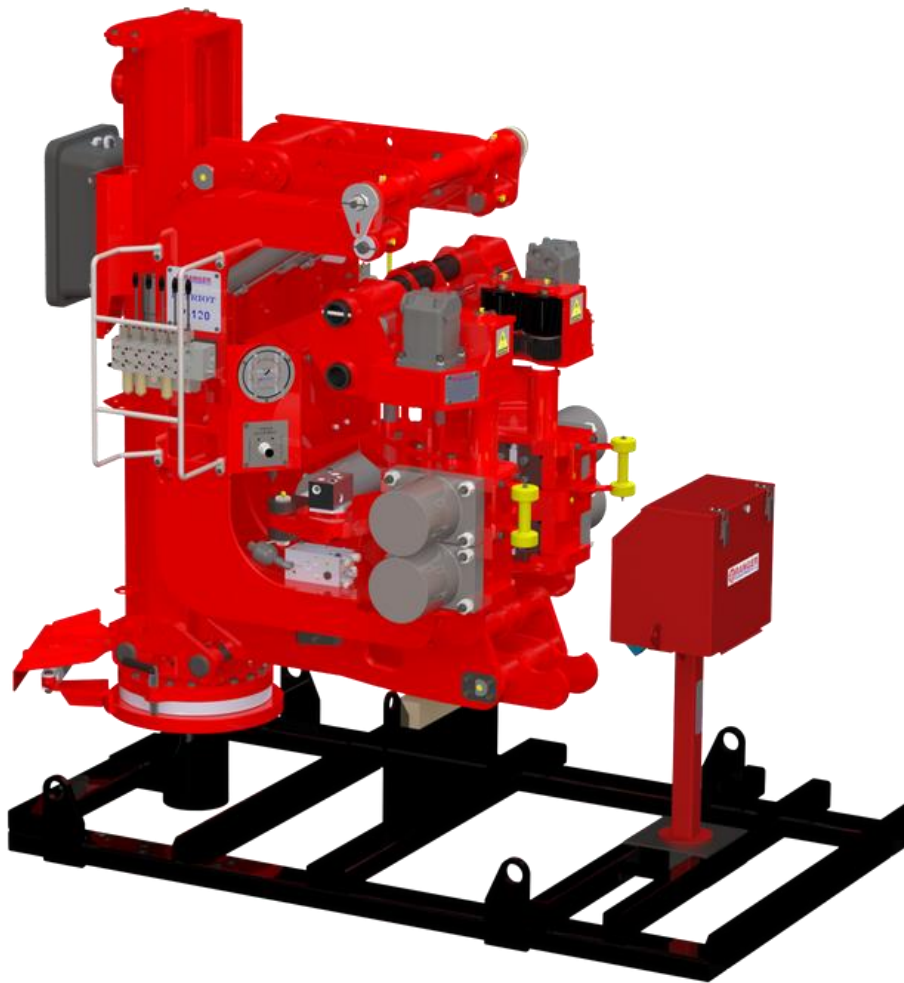
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PATRIOT P120

REMOTE OPERATED

UNIT + CONSOLE ON THE SHIPPING SKID



Shipping Info
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PATRIOT P120

HYDRAULIC POWER UNIT

Equipped with a 50 Horsepower Motor

Electrical Requirements

- 480 volts 3ph
- 100 amp breaker

SPECS

- HPU UNIT= 2,530lbs.
- HOSES= 124lbs.
-
- **Shipping Info**
1 SKID, 2,654lbs, 60x50x60





RANGER OILFIELD PRODUCTS, LLC

MAIN OFFICE

17800 OLD DANVILLE RD. WILLIS, TX 77318
936-856-4182

MIDLAND LOCATION

18409 W. I-20, SUITE 7 MIDLAND, TX 79706
432-247-8924

RANGEROILFIELDPRODUCTS.COM

INTERNATIONAL PARTNERS

Ranger has partnered with international agents in order to provide and support our products all over the world. See our list of partners below to see if we have a representative in your area. If your region is not listed below, please send all inquiries to our main office.

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IRE OIL & GAS FZE

PO BOX 17027, PLOT MO0673A JEBEL ALI FREE ZONE
DUBAI, UNITED ARAB EMIRATES

IREFZE.COM

MEXICO

OLMECA DRILLING SOLUTIONS

INDUSTRIAL LOGISTICS PARK CERRADA SAN MARCOS CLUSTER 5 BLOCK 20 LOT 10B
VILLAHERMOSA, TABASCO, MEXICO

OLMECADRILLING.COM

EUROPE, ASIA, AUSTRALIA

BOUYANT OFFSHORE SOLUTIONS PTE LTD

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