

RBS TRITON 10, 20, 35, 60, 100 & 150 – OIL SKIMMING SYSTEMS – SUMMARY

RBS TRITON™ oil skimming technology (USA Patent 7,303,688 & Canada Patent 2,578,942)

| Model | Brush Capacity (m ² /h) | Disc Capacity (m ² /h) | Drum Capacity (m ² /h) | Max EDRC | Pump Capacity (m ² /h) | Pump Size | Pump Location | Pump Type | Pump Drive | Power Pack (hp) | Hydraulic Hoses (m) | Oil Transfer Hoses (m) |
|--------------------|------------------------------------|-----------------------------------|-----------------------------------|----------|-----------------------------------|-----------|---------------|------------------------|------------|-----------------|---------------------|------------------------|
| RBS TRITON™ 10D | 11 | 2.1 | 1.7 | 678 | n/a | n/a | n/a | n/a | n/a | 4.5 | 20 | n/a |
| RBS TRITON™ 10D3 | 11 | 2.1 | 1.7 | 678 | 20.0 | 3 inch | External | Single Diaphragm | Diesel | 4.5 | 20 | 20 & 10 |
| RBS TRITON™ 20D | 20.4 | 3.7 | 3.1 | 1346 | n/a | n/a | n/a | n/a | n/a | 4.5 | 20 | n/a |
| RBS TRITON™ 20D3 | 20.4 | 3.7 | 3.1 | 1258 | 20.0 | 3 inch | External | Single Diaphragm | Diesel | 4.5 | 20 | 20 & 10 |
| RBS TRITON™ 35D | 37.8 | 10 | 7.2 | 1141 | n/a | n/a | n/a | n/a | n/a | 4.5 | 20 | n/a |
| RBS TRITON™ 35D3 | 37.8 | 10 | 7.2 | 604 | 20.0 | 3 inch | External | Single Diaphragm | Diesel | 4.5 | 20 | 20 & 10 |
| RBS TRITON™ 35DI2 | 37.8 | 10 | 7.2 | 1141 | 38.0 | 2 inch | Internal | Centrifugal / Impellor | Hydraulic | 9 | 20 | 20 |
| RBS TRITON™ 60D | 63 | 18 | 12 | 1902 | n/a | n/a | n/a | n/a | n/a | 4.5 | 20 | n/a |
| RBS TRITON™ 60D3 | 63 | 18 | 12 | 604 | 20.0 | 3 inch | External | Single Diaphragm | Diesel | 4.5 | 20 | 20 & 10 |
| RBS TRITON™ 60DI2 | 63 | 18 | 12 | 1510 | 50.0 | 2 inch | Internal | Centrifugal / Impellor | Hydraulic | 9 | 20 | 20 |
| RBS TRITON™ 100DI3 | 100 | 30 | 26 | 3019 | 100.0 | 4 inch | Internal | Centrifugal / Screw | Hydraulic | 25 | 20 | 20 |
| RBS TRITON™ 150DI4 | 151 | 45 | 40 | 4559 | 151.0 | 4 inch | Internal | Lobe | Hydraulic | 66 | 20 | 20 |

- Testing is certified by DNV (Det Norske Veritas) & ABS (American Bureau Services) and witnessed to ASTM Standards
- Interchangeable oil recovery modules (brush, disc or drum) - without the use of tools
- Power options: diesel/hydraulic, pneumatic, electric/hydraulic, ship's hydraulic/electric power, hazardous Zone 1 compliant
- Custom lengths of hydraulic/oil transfer hoses and floating hose systems are available

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EDRC, the formula $R = T \times 24 \text{ hours} \times E$ will be used for the RBS TRITON 35*, 60, 100* & 150 (ASTM F631-99 testing). Ref. WAC 173-182-348. *Extrapolated

R = Effective daily recovery capacity

T = Throughput rate in barrels per hour (nameplate capacity)

E = 20 percent (efficiency factor)

EDRC, the formula $R = D \times U$ will be used for the RBS TRITON 10& 20 (ASTM F631-15 testing). Ref. WAC 173-182-348.

R = Effective daily recovery capacity

D = Average oil recovery throughput rate in barrels per hour

U = 10 (hours of operation). 10 hours is used for potential limitations due to available daylight, weather, sea state, and percentage of emulsified oil in the recovered material.

RBS TRITON OIL SKIMMING SYSTEMS – MODEL CODE

RBS TRITON ABCD

A – Brush recovery rate m3/h (approx)

20: 20.4m3/h

35: 37.8m3/h

60: 63.0 m3/h

150: 151m3/h

B – Type of Power

D: diesel/hydraulic

E: electric/hydraulic

P: pneumatic

C – Location of pump

Blank: external pump

I: internal pump (onboard)

D – Diameter of pump

Blank: no pump

2: 2 inch

3: 3 inch

4: 4 inch

Examples:

RBS TRITON 35DI2

Brush recovery rate: 37.8m3/h

Power: diesel/hydraulic Pump

location: internal Diameter of

pump: 2 inches

Examples:

RBS TRITON 60D3

Brush recovery rate: 63.0m3/h

Power: diesel/hydraulic Pump

location: external Diameter of

pump: 3 inches