



Young Brothers 45 with Nanni N13.900 Engine Specification Sheet

The Young Brothers 45 combines offshore fishing capabilities with pleasure cruising. Powered by the N13.900, this vessel reaches new power and operational efficiency.



General Specifications

Boat Dimensions

| | |
|---------------------------|---------------------|
| Length overall (LOA)..... | 45 ft (13.71 m) |
| Beam..... | 15 ft (4.57 m) |
| Draft..... | 5 ft (1.52 m) |
| Fuel capacity..... | 800 US gal (3028 L) |
| Water capacity..... | 100 US gal (379 L) |
| Cruising Speed..... | 18 knots |
| WOT..... | 24 knots |



Construction

- Hull material: Fiberglass with vinylester resin
- Deck material: Fiberglass with non-skid surface
- Hull design: Modified-V hull with moderate deadrise for stability and efficiency
- Construction method: Hand-laid fiberglass with balsa or foam core

Propulsion System

Engine: Nanni N13.900

- Manufacturer: Nanni Industries
- Engine Base: Scania
- Configuration: 4-stroke, 6-cylinder in-line diesel
- Horsepower: 900HP (662 kW) at 2,300 RPM
- Displacement: 12.7 liters
- Fuel System: Common Rail direct injection extra high pressure (XPI)
- Air Intake: Turbocharged with after cooler
- Cooling System: Closed cooling with heat exchanger and charge air cooler



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