

Evolution & model comparison

How the Petticrows Dragon has developed since 1988, and what changed between the pre-v5, v5, v6, v6.1 and Centenary Edition models.

Pre-v5 to Centenary Edition compared

	Pre-v5	v5	v6	v6.1	Centenary Edition
Launch year	—	2012	2017	2019	Current model
Hull & keel	—	Standard design	New hull & keel for better performance	Same hull & keel as v6	Same hull & keel as v6
Construction	Infusion from 2004	Infused hull & deck	Infused hull & deck	Infused hull & deck	Every component infused at the NELO facility
Deck & internals	Wooden floorboards; internal deck lower than v5	Traditional deck & internal layout	Deck & internals from the 2012 model	Digitally redesigned deck & internals	v6.1 deck & internals; All GRP, Teak on Glass or Wooden Deck
Cockpit	—	Standard cockpit size	Largely as v5, with small improvements	Side tanks for drainage; larger cockpit (shorter cabin roof)	As v6.1, plus hiking wedges & ergonomic coamings
Buoyancy & pumps	Fewer sealed compartments than v5	Basic pump system	Basic pump system	Twin high-speed electric pumps, solar charging, Bluetooth monitoring	As v6.1
Rigging	—	Traditional backstay / runner positions	Traditional backstay / runner positions	Aft cassette option for better mast compression & tuning	Optimised runner & backstay (aft cassette) as standard; greater forestay tension
Mast	—	Older mast design	Older mast design	Evolution mast: light fittings, optimised bend	Evolution mast
Fittings & ropes	—	Standard of the time	Standard of the time	Harken & Allen plus custom fittings; one-pull furler	The latest fittings, systems & ropes
Track record	—	Foundation for later models	Regatta & championship wins	Used in championship-winning boats	Builds on the v6.1 record

At a glance

v5 (2012) introduced the super-stiff floor grid, flared coamings and enhanced drainage.

v6 (2017) brought a new hull, keel and rudder by Phil Morrison, keeping the 2012 deck and internals.

v6.1 (2019) kept the v6 hull and added a digitally redesigned deck and internals, a larger cockpit with side tanks, upgraded pumps, an aft cassette rigging option and the Evolution mast.

Centenary Edition (current) builds on the v6.1 with a fully resin-infused build at NELO, an optimised runner and backstay configuration and the latest fittings and ropes. All GRP, Teak on Glass or Wooden Deck.

v5.1 is a v5 rebuilt to v6.1 assembly standards with 12 upgrades; see the separate v5.1 factsheet.

Lineage, 1988 to today

Changes from the previous generation. Grey text means no change; the models in blue are those compared on page 1.

Model	Hull & keel	Deck & internal structure	Cockpit	Pump / drainage	Rigging	Mast
Original 1988–1990	First Petticrows Dragon; hull optimised by Ian Howlett	Original moulding; no mandatory bulkheads	Standard layout	Original specification	Standard	Original section
Mk2 1991–1995	Ian Howlett hull retained	New internal & deck moulds with mandatory bulkheads	Unchanged	Unchanged	Standard	Unchanged
P2000 1996–2000	New lines by Brendan Dobroth	Refined Mk2 internal concept	Unchanged	Unchanged	Standard	Unchanged
Mk4 2001–2003	Dobroth redesign; symmetrical moulds	New symmetrical plug; stiffening added	Unchanged	Unchanged	Standard	Unchanged
Mk5 2004–2007	Mk4 Dobroth hull retained	New inner section & deck mould; lower centre of gravity	Standard	Original drainage	Standard traveller	Unchanged
Resin infusion 2004–2008	Same hull; resin infusion	Resin-infused deck mould	Standard	Original drainage	Standard traveller	Unchanged
Buoyancy update 2008	Unchanged hull	Raised floor; sealed tanks	Unchanged	Improved drainage	Unchanged	Unchanged
New moulds 2009–2011	New moulds	Central console option	Central console option	Improved drainage	Quick-release genoa	i-mast (2009)
v5 2012	Unchanged	Super-stiff floor grid	Flared coamings	Enhanced drainage	3 specs	i-mast
v6 2017	New hull by Phil Morrison	Retained 2012 deck	Spinnaker options	Unchanged	Spinnaker options	i-mast
v6.1 2019–2023	v6 hull retained	New internal & deck mould	Updated fit-out	Improved drainage	Unchanged	Evolution mast
Centenary Today	v6 hull retained; fully resin-infused at NELO	v6.1 mouldings; All GRP, Teak on Glass or Wooden Deck	Hiking wedges & ergonomic coamings	Unchanged	Optimised runner & backstay (aft cassette)	Evolution mast