



### Distilling Fact File

The figures here may change according to specific temperature, ambient temperature, and origin of raw ingredients etc.

#### General

Operating Hours:	5 days a week – January to December
Employees:	47 (7 distilling, 4 warehousing, 13 bottling, 8 Administration, 2 Academy, 8 sales, 3 shop, 2 maintenance)
Established:	Purpose built in 1881 by Barnet Harvey for nephews William, Robert and John Harvey. Reopened in 2001.
Distillery layout:	Built around central courtyard.
Capacity:	1881: 420,000 litres. 1962: 800,000 1975: 1.5 million
Current Output:	2006: 700,000 litres

#### Water

3 Water Sources:	Bruichladdich Loch (peaty)- Mashing Bruichladdich Burn (peaty)- Condensing Octomore Spring (clear) – Bottling
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#### Malt

Malt Origins:	100% Scottish barley – malted by Bairds, Inverness. Organic Barley from Coulmore, Tullibardine & Culblair Farms; Islay-grown barley from Kentraw & Rockside Farm Bere barley from Kynagarry Farm
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Malt Varieties: Chalice, Optic, Golden Promise, Oxbridge, Troon & Bere

Malt Peating levels: Bruichladdich: 3-5 PPM  
Port Charlotte: 40 PPM  
Octomore: 80 + PPM

### **Mill House**

Mill: Boby – Belt Driven Four Roll “Two High” - Built 1913

Weighing: Avery - Built 1881 – 125 units of 40 kgs. Buckets

Dresser: Boby Rotary Malt Screen - Built 1881

Milling Ratio: 15% Husks, 65% Middles, 20% flour

### **Mash House**

Grist Storage: 14 Tonnes

Mash Tun: Cast iron, open-topped, rake & plough - Built 1881

Brewing tanks: 2 – Built 1881 by Turnbull, Grant & Jack.

Mash Size: 7 tonnes

First water: 65% of mash - 16,250 litres @ 65°C  
Second water: 35% of mash - 8,750 litres @ 86°C  
Third water: @ 92.5°C – recycled to next mash  
Fourth Water: @ 92.5°C – recycled to next mash

### **Tun Room**

Washbacks: 6 – Oregon Pine (2 built 1881)

Washback charge: 36,000 litres

Wort Temperature: Cooled to 21°C

Yeast: 150 kg./washback - 66% Mauri (start) 33% Kerry

Fermentation: 60 – 80 hours (105 hours over weekends)

Wash Strength: 7 % alc.

## **Still House**

Wash Stills:	2 @ 17,275 litres capacity (Built 1881 and 1975 by Archibald McMillan to original design)
Height:	6.10 metres tall (neck: 4 m, Pot: 2.10 m - 2.90 m. wide)
Neck Circumference:	Base: 1.4m Middle: 1.0m Top: 0.7m
Neck Shape:	Plain
Wash Still Charge:	12,500 litres – (72% of capacity) @ 7% alc.
Low wine run:	4.5 to 5 hours
Low Wine Collection:	4600 litres @ average 22.5% alc. (56% to 0% alc.)

## **Spirit Stills**

	2 @ 12,275 litres capacity (Built 1972 & 1975 by Archibald McMillan to original design)
Neck Shape:	Plain - exceptionally tall & narrow
Height:	6.10 metres (neck: 4m; pot: 2.1m- 3.7m wide)
Neck Circumference:	Base: 0.9m Middle: 0.7m Top: 0.5m
Spirit Still Charge:	7,200 litres (58% of capacity)
Spirit Still Charge Strength	Average 27% alc - 65% low wines @ 22.5% alc. + 35% Foreshots and Feints of previous run @ 35% alc.
Foreshots Run:	40 Mins - 1312 L (18% of charge) @ 76% - 74%
Spirit Run:	3 Hours - 1440 L. (20% of charge) @ 74% - 64%
Feints Run:	3 Hours - 1312 L. (18% of charge) @ 64% - 0%
Spent Lees:	3168 L. (44% of charge) @ 0.1%
Condensers:	4 containing 210 copper tubes each at 1.25cm diameter
Average spirit yield:	2006: 401 litres of alcohol per tonne

### **Filling Store**

Cask Filling Strength:	Buichladdich	72% alc.
	Port Charlotte	71% alc
	Octomore	70% alc.
Cask types:	70% First fill Bourbon – Quercus Alba (White Oak) Ex Buffelo Trace	
	15% Refill Sherry – Quercus Alba & Quercus Petraea	
	15 % Wine casks (Various) – European Oak - Quercus Petraea & Quercus Robur	

### **Warehouses**

Storage capacity:	35,000 casks
Storage location:	100% Islay matured on Loch Indaal in 12 warehouses (8 at Buichladdich , 4 at Port Charlotte)
Type of warehouse:	50% traditional dunnage 50% Racking

### **Bottling Hall**

Bottling location:	Buichladdich Distillery, Islay. 100% distillery- bottled
Constructed:	2002
Strength:	46% or natural cask strength
Dilution water:	Islay Spring water
Additives:	None, Caramel-free
Filtration:	100% Non chill-filtered
Major blending roles:	None

### **Key Production Personnel**

Production Director:	Jim McEwan (b 1948) – 3 times Distiller of the Year. Over 44 years of Islay distilling experience
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Distillery Manager: Duncan McGillivray (b 1951) Over 34 years of distilling experience at Bruichladdich.  
Inside leg measurement: 31”

Assistant Manager: Allan Logan (b 1981) eight years experience