

TREE INFORMATION

Tree Sizes and Specifications.

The following information (compiled from HTA National Plant Specification) is designed to simplify the forms and shapes available.

FORMS

Trees are usually supplied in one of the following **forms**. These are natural forms and are the most typical; standards, feathered and multi stem.

- **Standard.** Classified by girth size - circumference of the stem at 1m above ground level.
Trees with an upright stem, clear of lateral growths with a branched crown.
Can range from small trees to semi-mature specimens – see table below.

Girth Measurement (cm)	Specification	Approx Height (m)	Clear Stem Height (m)
4-6	Feathered tree	1.75 / 2.00	
6-8	Light Standard	2.50 / 3.00	1.50 / 1.75
8-10	Standard	2.50 / 3.00	1.75 / 2.00
10 -12	Selected Standard	3.00 / 3.50	min 2.00
12 – 14	Heavy Standard	3.50 / 4.00	min 2.00
14 – 16	Extra Heavy Standard	4.00 / 4.50	min 2.00
16 - 18	Extra Heavy Standard	4.50 / 5.00	min 2.00
18 – 20	Semi - Mature	4.50 / 5.00	min 2.00
20 – 25	Semi - Mature	5.00 / 5.50	min 2.00
25 – 30	Semi - Mature	6.00 / 6.50	min 2.00
30 – 35	Semi - Mature	6.00 / 6.50	min 2.00
35 – 40	Semi - Mature	6.50 / 7.00	
45 - 50	Semi - Mature	7.00 / 7.50	

- **Feathered.** Classified by height – normally up to 2.0m.
Trees with an upright central leading shoot and a stem with evenly spaced lateral growths down to near ground level.
- **Multi-Stem.** Classified by height.
Multi stems are available in 2 different forms;
 - ♦ Trees with one or more main stems arising from the same root system. – **true multi stem**
 - ♦ 3 trees with separate root systems planted together in one pot / root ball to create a multi stem effect.

SHAPES

Trees may also be supplied in the following **shapes**; pleached, parasol, espalier & fan.

- **Pleached.**
A frame creating a 2 dimensional effect with the branches spreading sideways in one plane (i.e flat).
- **Parasol.**
Popular in Europe. The main branches are trained over a horizontal frame creating a parasol effect.
- **Espalier & Fan. – Typical for fruit trees.**
Espalier is a tree with a central stem with a balanced (same number) of horizontal branches in one vertical plane on each side (i.e flat)
Fan is a tree with a balanced fan-shaped system of branches in one vertical plane (i.e flat).