

# *Carpinus betulus* 'Columnaris'

## Columnaris European hornbeam



### TYPES OF PLANTING

**Tree types:** standard trees, feathered trees

### USE

**Location:** street, avenue, central reservation, in containers, roof garden, large garden, cemetery, traffic areas, industrial zones | **Pavement:** none, open

### CHARACTERISTICS

**Crown shape:** narrow egg-shaped, wide egg-shaped | **Crown structure:** dense | **Height:** 7 - 8 m | **Width:** 2 - 4 m | **Winter hardiness zone:** 5A - 9B

### ASPECTS

**Wind:** tolerant to wind | **Soil:** loess, sabulous clay, peaty, heavy clay, light clay, sand, loamy soil, all soils | **Nutrient level:** low in nutrients, moderately rich in nutrients, rich in nutrients | **Soil moisture level:** very dry, dry, moist, wet | **Light requirements:** sun, partial shade | **pH range:** acidic, neutral, alkaline

### PLANTKENMERKEN

**Flowers:** catkins, discrete | **Flower colour:** green | **Flowering period:** April - May | **Leaf colour:** green | **Leaves:** deciduous, ovate, doubly serrate | **Autumn colour:** golden yellow | **Fruits:** winged, nut, catkins | **Fruit colour:** pale brown | **Bark colour:** grey | **Bark:** smooth | **Twig colour:** grey-brown | **Twigs:** bare | **Root system:** shallow, many hair roots, central root

