



## Carpinus betulus



<b>Výška</b>	15 - 20 m
<b>Šírka</b>	12-15m
<b>Koruna</b>	broad ovoid, later rounded, dark, dense crown, capricious growing
<b>Kôra a vetvy</b>	bark grey and smooth, twigs grey-brown with short hairs
<b>Listy</b>	ovoid, bright green, 6 - 10 cm
<b>Jesenné sfarbenie</b>	Žltá
<b>Kvety</b>	? catkins approx. 4.5 cm, ? catkins approx. 3 cm, unremarkable, April/May
<b>Plody</b>	ovoid, small ribbed nut, in separate fruit clusters
<b>Tríne</b>	Žiadny
<b>Jedovatosť</b>	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
<b>Typ pôdy</b>	makes few demands as regards soil, preference for loamy ground
<b>Pôdna vlhkosť</b>	Vhodné do suchých pôd, Vhodné do vlhkých pôd, Odolné voči krátkodobému zaplaveniu
<b>Spevnené plochy</b>	Netoleruje spevnené plochy
<b>Zóna odolnosti</b>	5a (-28,8 do -26,1 °C)
<b>Odolnosť voči vetru</b>	good
<b>Ostatná odolnosť</b>	Odolné mrazu (WH 1–6), Odolné vetru
<b>Použitie</b>	bulváre a široké ulice, stromy do nádob, priemyselné oblasti
<b>Tvar</b>	Vysokokmeň, Vetvený, Viackmeň
<b>Pôvod</b>	Europe, Asia Minor

A fairly slow growing and densely branched tree, conical when young, later growing to ovoid or rounded. Adult trees attain a width of 10 m and a height of 15 - 20 m. The branches start to hang down as the tree ages. Young twigs are grey-brown; older branches and the trunk are dark grey and remarkably smooth. The leaves are a fresh green colour in the spring. The leaf has a sharply double serrated edge and the leaf top tapers to a point. In the autumn the leaves turn colour to a golden yellow. If the hornbeam is pruned annually the dry brown leaves generally remain on the tree until well into the winter. The small nutlets hang in decorative separate fruit clusters. Root growth is relatively close to the surface. The rotted leaves are good soil improvers. A hornbeam can easily reach an age of 200 years. If *Carpinus betulus* is given sufficient room it forms a broad crown up to a height of twenty metres at a later age.