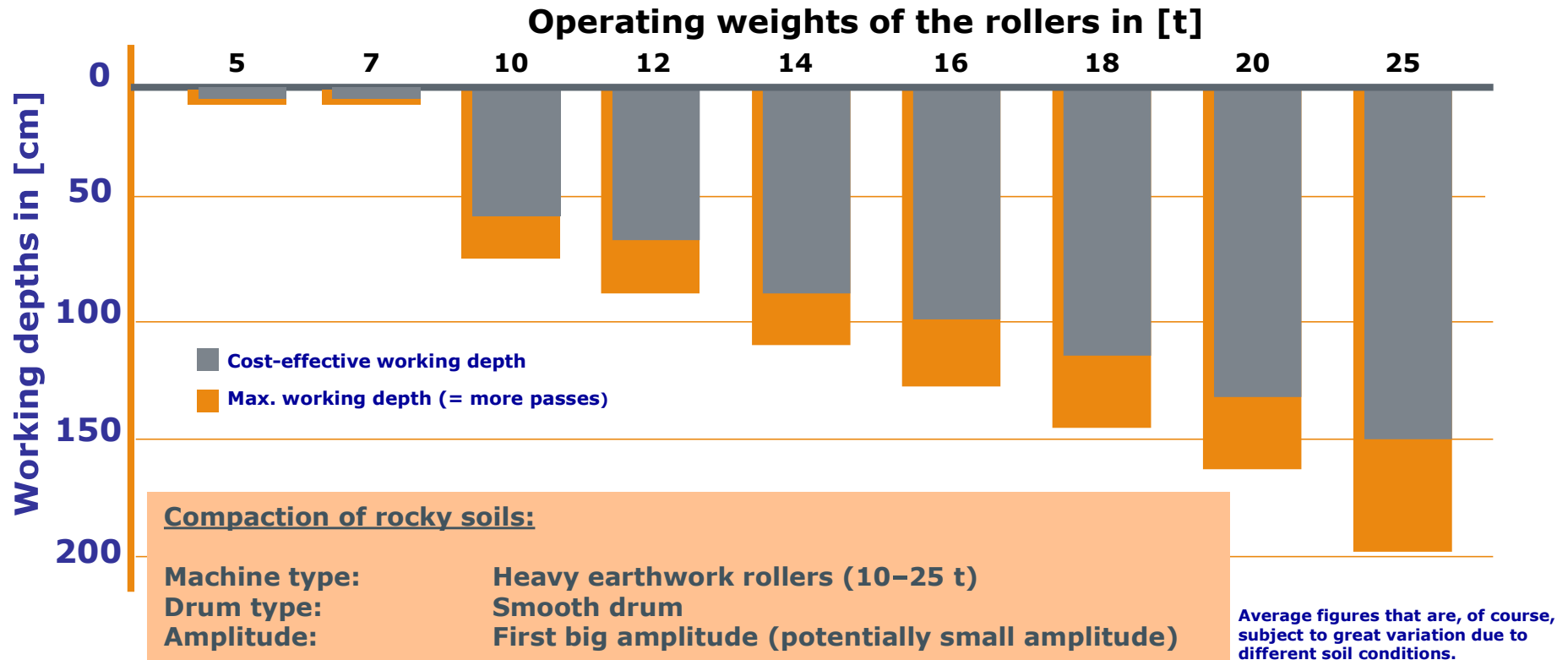


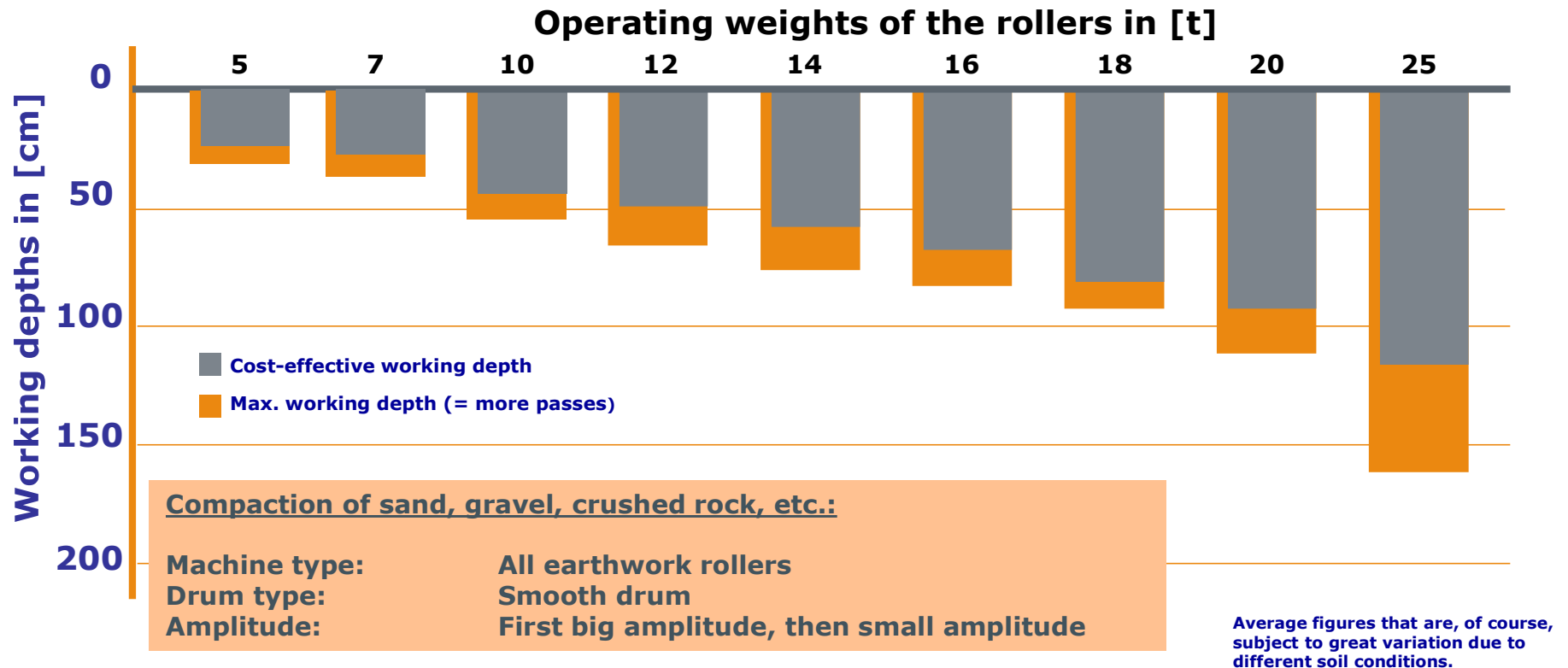
Working depths

Working depths for rocky soils



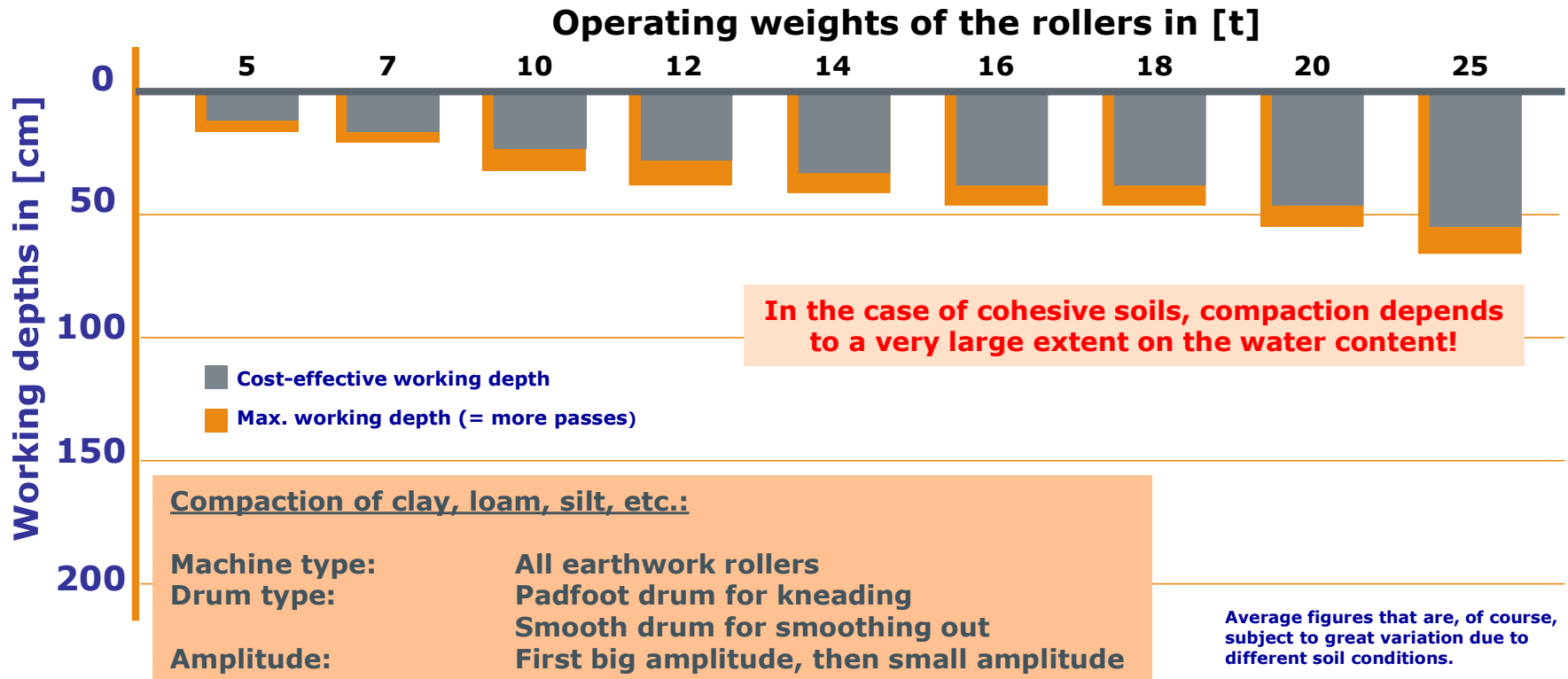
Working depths

Working depths for non-cohesive, coarse-grained soils



Working depths

Working depths for cohesive, fine-grained soils



Guide values (depends heavily on the local site conditions)

Compaction machine	Coarse-grained soil	Mixed-grained soil	Fine-grained soil	Rock Blocks
GRW	10–20 cm 6–10 passes	10–20 cm 6–10 passes	10–20 cm 6–10 passes	Not suitable
Rapid-impact rammer 50–80 kg	20–30 cm 3–7 passes	20–30 cm 3–7 passes	10–20 cm 2–4 passes	Not suitable
Tandem roller ≤ 7 t	20–30 cm 4–6 passes	Not suitable	Not suitable	Not suitable
Tandem roller > 7 t	30–40 cm 4–6 passes	20–40 cm 5–8 passes	Not suitable	Not suitable
Vibration plate Up to 400 kg	20–30 cm 4–6 passes	10–20 cm 4–6 passes	Not suitable	Not suitable
Vibration plate Above 400 kg	30–40 cm 4–6 passes	20–40 cm 4–6 passes	20–30 cm 6–8 passes	Not suitable

Guide values (depends heavily on the local site conditions)

Public



Compaction machine	Coarse-grained soil	Mixed-grained soil	Fine-grained soil	Rock Blocks
Compactor <= 7 t	20–30 cm 4–8 rolls	20–30 cm 4–8 rolls	20–30 cm 4–8 rolls	Not suitable
Compactor <= 12 t	20–50 cm 4–8 rolls	30–40 cm 3–8 rolls	20–30 cm 4–8 rolls	20–50 cm * 4–6 rolls
Compactor <= 20 t	30–60 cm 4–8 rolls	40–50 cm 4–8 rolls	20–40 cm 4–8 rolls	30–60 cm * 4–6 rolls
Compactor > 20 t	40–80 cm 4–8 rolls	40–80 cm 4–8 rolls	30–60 cm 4–8 rolls	40–80 cm * 6–8 rolls

The information assumes a water content in the range of the optimal water content

WG = roll

1 roll = 1 double pass forwards and backwards

*** Permissible maximum grain 2/3 of the height**

