

# Timber/Combi grapple

**For all excavators between 8,800–72,700 lbs (4–33 metric ton)**

Together with the tiltrotator, engcon's combi Timber Grapple Heavy Duty (TGHD) is the ultimate tool for round timber and pipe handling, and light sorting jobs. The grapples are reinforced with high-strength steel wear bars with 400 Brinell hardness and can be adapted to fit a large number of couplers.

### Advantages:

- » The EC-Oil automatic quick coupler system connects the hydraulics without the operator needing to leave the cab.
- » Grapple arms in high-strength steel for maximum service life
- » Grapple tips with 400 Brinell hardness wear bars for best durability
- » A check valve integrated in the hydraulic cylinder and accumulators mounted directly on the cylinder without hoses, safely maintains the load even if a pressure drop should occur.
- » Expander bolts in joints prevent unnecessary play
- » Bolt-on bracket/mounting makes switching brackets easy
- » Bolt-on bracket/mounting means dealers need keep fewer timber/combi grapples of the same size in stock.



The EC-Oil automatic Quick Coupler system is a free standard on all engcon's hydraulic tools with S40–S80 attachment points.

### Specifications

Model	TG25HD	TG28HD	TG42HD	TG55HD
Grab width, max: (inch)	61.3	66.7	81.9	98.8
Grab width, min: (inch)	1.7	3.7	3.2	5.9
Height, fully open: (inch)	29.9	35	40.9	45.1
Height, fully closed: (inch)	20.7	25.9	29.6	37.2
Width: (inch)	18.1	23.4	26.7	31.6
Gripping force (tip - tip) at 3200 psi (lbf)	1,529	2,792	4,586	7,162
Max hydraulic pressure: (psi)	3,200	3,200	3,200	3,200
Weight: (lbs)	430	719	1,312	2,359
Grab area: (inch <sup>2</sup> )	388	434	651	853
Max load: (lbs)	6,610	11,020	13,230	22,050
Base machine weight: (lbs)	8,800 –19,800	19,800 –30,800	26,400 –41,800	41,800 –72,700

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