

# 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	60.6	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	794	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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**engcon North America Inc.** | 2666 State Street, Hamden CT 06517  
**Phone** +1 203 691 5920 | **Email** northamerica@engcon.com | **Web** engcon.com