

# TOPPERS



The TOPPER range of multi-spindle rotary mowers is suitable for the fast, clean topping of fodder crops, pastures, orchards and paddocks.

Topper Dimensions		See page 2 for complete specifications →			
Model	HT178	HT210	HT237	HT282	HT300
Spindles	3		4		
Cutting Width	174cm	206cm	232cm	274cm	298cm
Overall Width	188cm	220cm	246cm	288cm	312cm
Weight With skids	410kg	470kg	490kg	570kg	630kg
Recommended tractor horsepower at 540 rpm pto					
Minimum	23kW (31hp)	24kW (32hp)	28kW (38hp)	32kW (43hp)	36kW (48hp)
Maximum	56kW (75hp)				

- Mounting** Three point linkage with dual lower Cat 1 and Cat 2 hitch pins at Cat 2 centres. All models are centrally mounted only.
- Drive Shaft** E-G Transmission shaft with Tri-lobal sliding members.  
Cross Dimensions: HT178, 210, - T40 (27 x 75mm) HT237, 282, 300 - T60 (30 x 92mm)
- Gearbox** COMER T304A.
- Spindle Drive** 'B' section 'V' belt.
- Cutting Heads** Grease lubricated spindles carried on taper roller bearings with stepped blade beams fitted with two swing back, stepped uplift blades. Refer to "Dimensions" for quantity of spindles per machine.  
Tip velocity at 540 rpm PTO:  
HT178, HT237...87m/s (17,130 ft/min)  
HT210, HT282...83m/s (16,290 ft/min)  
HT300 .....89m/s (17,500 ft/min)  
**Options:**
  - stepped flat (no uplift) blades.
  - solid beam blades (no swing back blades).
- Cutting Height** 20 - 160mm; infinitely adjustable on skids or castor wheels.
- Height Control** On skid models the body is screw adjusted and clamped in 4 places to the side skids.  
Castor wheel models have pivot adjustment with collar and bolt.
- Body** Monocoque design, fabricated from 5mm plate, and fitted with stainless steel belt cover.

Howard reserves the right to amend product specifications without notice. This leaflet is for illustration purposes and does not constitute an offer for sale.

**IMPORTANT NOTICE** – If improperly used or maintained, toppers, like all powered machines can cause bodily harm to operators and onlookers. Before operating the machine read the instruction book carefully and carry out all operating and maintenance recommendations.

# TOPPER

Specifications #A - 6/01

**Models** HT178, HT210, HT237, HT282, HT300

Tractor Power	HT178	HT210	HT237	HT282	HT300
	Minimum	23kW (31hp)	24kW (32hp)	28kW (38hp)	32kW (43hp)
Maximum	56kW (75hp)				

Recommended tractor engine power. (540 rpm PTO).

**Mounting** Three point linkage with dual lower Cat 1 and Cat 2 hitch pins at Cat 2 centres.  
All models are centrally mounted only.

**Drive Shaft** E-G Transmission shaft with Tri-lobal sliding members.  
Cross Dimensions: HT178, 210, - T40 (27 x 75mm), HT237, 282, 300 - T60 (30 x 92mm)

**Gearbox** COMER T304A.

**Spindle Drive** 'B' section 'V' belt.

**Cutting Heads** Grease lubricated spindles carried on taper roller bearings with stepped blade beams fitted with two swing back, stepped uplift blades. Refer to "Dimensions" for quantity of spindles per machine. Tip velocity at 540 rpm PTO:  
HT178, HT237... 7m/s (17,130 ft/min)  
HT210, HT282... 3m/s (16,290 ft/min)  
HT300 ..... 9m/s (17,500 ft/min)  
**Options:** - stepped flat (no uplift) blades.  
- solid beam blades (no swing back blades).

**Cutting Height** 20 - 160mm; infinitely adjustable on skids.

**Height Control** The body is screw adjusted and clamped in 4 places to the side skids .

**Body** Monocoque design, fabricated from 5mm plate, and fitted with stainless steel belt cover.

Dimensions	HT178	HT210	HT237	HT282	HT300
Spindles	3		4		
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Overall Width	188cm	220cm	246cm	288cm	312cm
Weight	410kg	470kg	490kg	570kg	630kg

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