

Zenit Flail shredders

For tractors up to 90 H.P.
With hydraulic offsetting.



ZENIT is a heavy duty shredder designed for farmers, orchardists and contractors who require a machine to shred prunings as well as mow grass.

ZENIT standard equipment includes: 540 rpm input gearbox, a heavy wall rotor (equipped with hammer flails), dual counter blades for fine shredding, a rear roller and an hydraulic offsetting facility.

ZENIT options include: An under-body wear plate, front or rear wheels and rear rake teeth.



ZENIT General Specifications

Body: High strength, laterally reinforced body design incorporating 4mm hull plates and 8mm end plates. Front flaps and rear roller prevent material being ejected and ensure a finely shredded result.

Power rating: 50 – 90 H.P. 540rpm pto speed (1000 rpm pto speed is optional on indent order).

Tractor

Mounting: Cat II three point mounting. Right hand offsetting up to 600mm.

Side Drive: SPB 1500 cogged belts: 3 on 1400 and 1600. 4 on 1800 and 2300. 5 on 2500, 2700 and 3000.

Rotor: 193.7mm dia 10mm wall thickness tube with 10mm flail mounting lugs.

Flails: Forged, Boron steel, hardened and tempered hammer flails.

ZENIT DIMENSIONS

See page 2 for complete specifications →

Model	Cutting width	Offset	Overall width	Weight	Qty of flails	Qty of drive belts
Zenit 1600	1.585m	600mm	1.785m	589kg	16	3
Zenit 1800	1.765m	600mm	1.965m	635kg	18	4
Zenit 2100	2.125m	600mm	2.325m	712kg	22	4
Zenit 2300	2.305m	600mm	2.505m	757kg	24	4
Zenit 2500	2.485m	600mm	2.685m	820kg	26	5
Zenit 2700	2.665m	600mm	2.865m	857kg	28	5
Zenit 3000	3.025m	600mm	3.225m	910kg	32	5

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

IMPORTANT NOTICE - If improperly used or maintained, shredders, 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.

Zenit Shredders

Specifications #A - 6/01

Models	Zenit	1600	1800	2100	2300	2500	2700	3000
Tractor Power	Minimum	37kW (50hp)						
	Maximum	67kW (90hp)						
	PTO rpm	540						
Mounting	Category	2						
	Offset *	600mm						
Drive Shaft	Series	BYPY 107				BYPY 108		
	PTO Yoke	1.3/8 x 6						
Gearbox	Make / Mod	Comer TL 311				Comer TL 312		
Over-run clutch	Location	In gearbox						
Lateral Trans.	Style	Included in gearbox						
Side drive	Style	SPB 1500 notched belt drive						
	Belts	3	4	4	4	5	5	5
Rotor	Quantity	1	1	1	1	1	1	1
	Balancing	Dynamically balanced						
	Size (mm)	193.7 x 10mm						
	RPM	2250				2025		
	Tip speed	53m/sec				48m/sec		
	Bearings	UCF210						
Flails	Type	Forged boron steel hammer @ 1.7kg						
	Fixing	25mm Ø forged & hardened pin & split pin (Optional Hardened bolt & locknut)						
	Qty	16	18	22	24	26	28	32
Frame	End Plate	8mm						
	Body Plate	4mm						
Height Control	Style	Rear Roller 193.7 x 5mm (Optional front wheels 250mm Ø x 140)						
Dimensions	Cut Width	1.585m	1.765m	2.125m	2.305m	2.485m	2.665m	3.025m
	Width O'all	1.785m	1.965m	2.325m	2.505m	2.685m	2.865m	3.225m
	Weight	589kg	635kg	712kg	757kg	820kg	857kg	910kg

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