

Spearhead

FLAIL MOWERS

Q1200

Q5S

Q6S

Spearhead Machinery Ltd

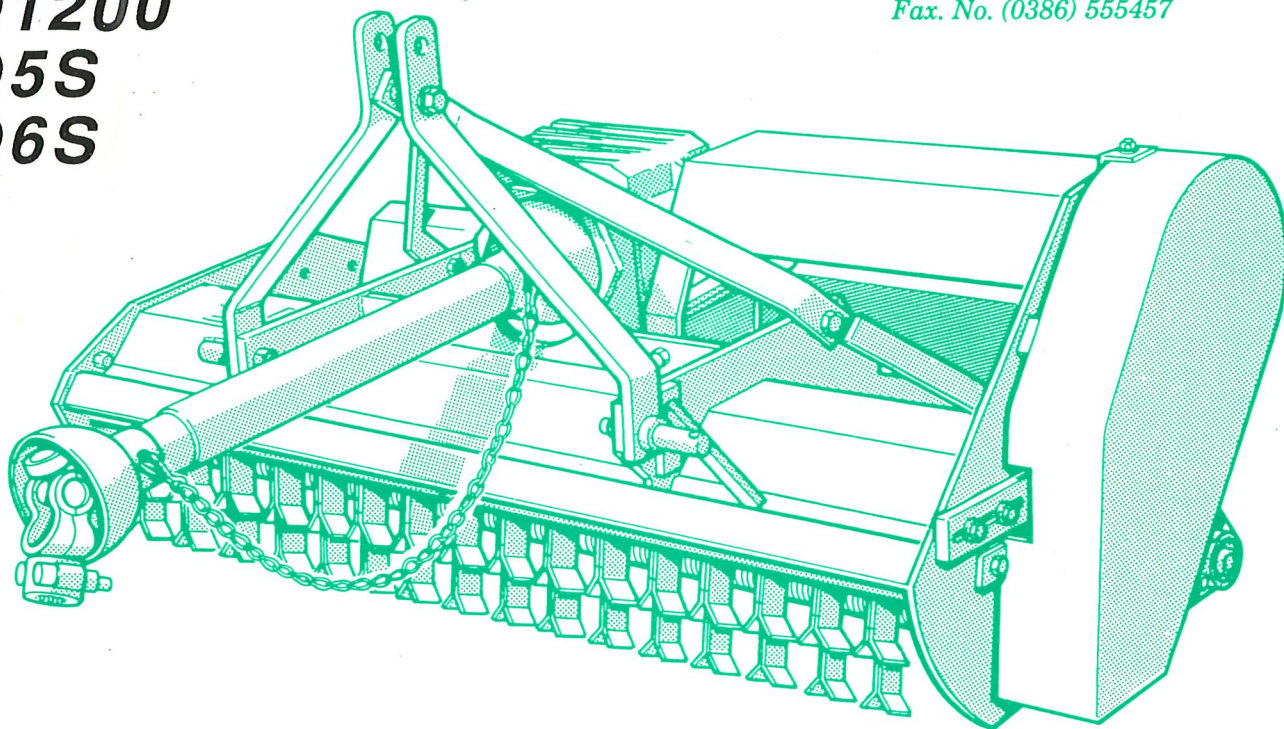
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THE SAFEST AND TOUGHEST MACHINE OF ITS TYPE ON THE MARKET.

The machines are of all steel construction, electrically welded and adequately reinforced for rough use. Attachable by three point linkage to both Category 1 and 2 tractor mountings and driven from standard power take-offs. The use of V belts and a torque limiting device protects the gearbox and PTO shaft from damage due to shock loads. Safety features include a cover over the PTO shaft, and adjustable deflector over the cutter shaft, belt guard and layshaft.

Wearing parts, such as V belt drives and blades, are easily replaced in the field. The reversible blades are heat treated and free-swinging to ensure maximum life.

Years of experience are built into these machines to make them one of the most powerful and versatile available. Applications range from fine grass cutting through to heavy duty grass cutting, maximum efficiency at minimum maintenance costs.

Specifications :

The Q5S and Q6S models are suitable for extreme duty whereas the Q1200, whilst retaining all the design features of the former, has been modified to make it suitable for lighter tractors between approximately 10 kW and 20 kW.

Models	Q1200	Q4S	Q5S	Q6S
Cutting width:	1 200mm	1 200mm	1 500 mm	1 800mm
No. of Blades	120	120	144	168
Weight	205kg	265kg	290kg	315kg
Minimum power required: (at PTO)	10kW	18kW	18kW	18kW

Power transmission: Q1200, Q4S, Q5S, Q6S

Double universal joint PTO shaft drives a 1:1.8 ratio gearbox which in turn is coupled to a layshaft by means of a metal inserted rubber coupling. Drive from the layshaft to the cuttershaft is by means of three 17 x 11 section V belts.

Cutter shaft: Consists of 50 mm diameter axle steel to which blade lugs are fitted. The shaft rotates at 2 200 r.p.m. with a PTO Shaft speed of 540 r.p.m. on all models.

Blades: Reversible blades of heat-treated steel are secured to the cutter shaft by means of easily replaceable clevis pins.

Height adjustment: Infinitely adjustable within the limits of the tractors hydraulic lift. In addition, the lower limit can be controlled by and adjustable roller.

Roller: Tubular steel roller –
Q5S, Q6S – 140 mm dia.
Q1200 – 120mm dia.

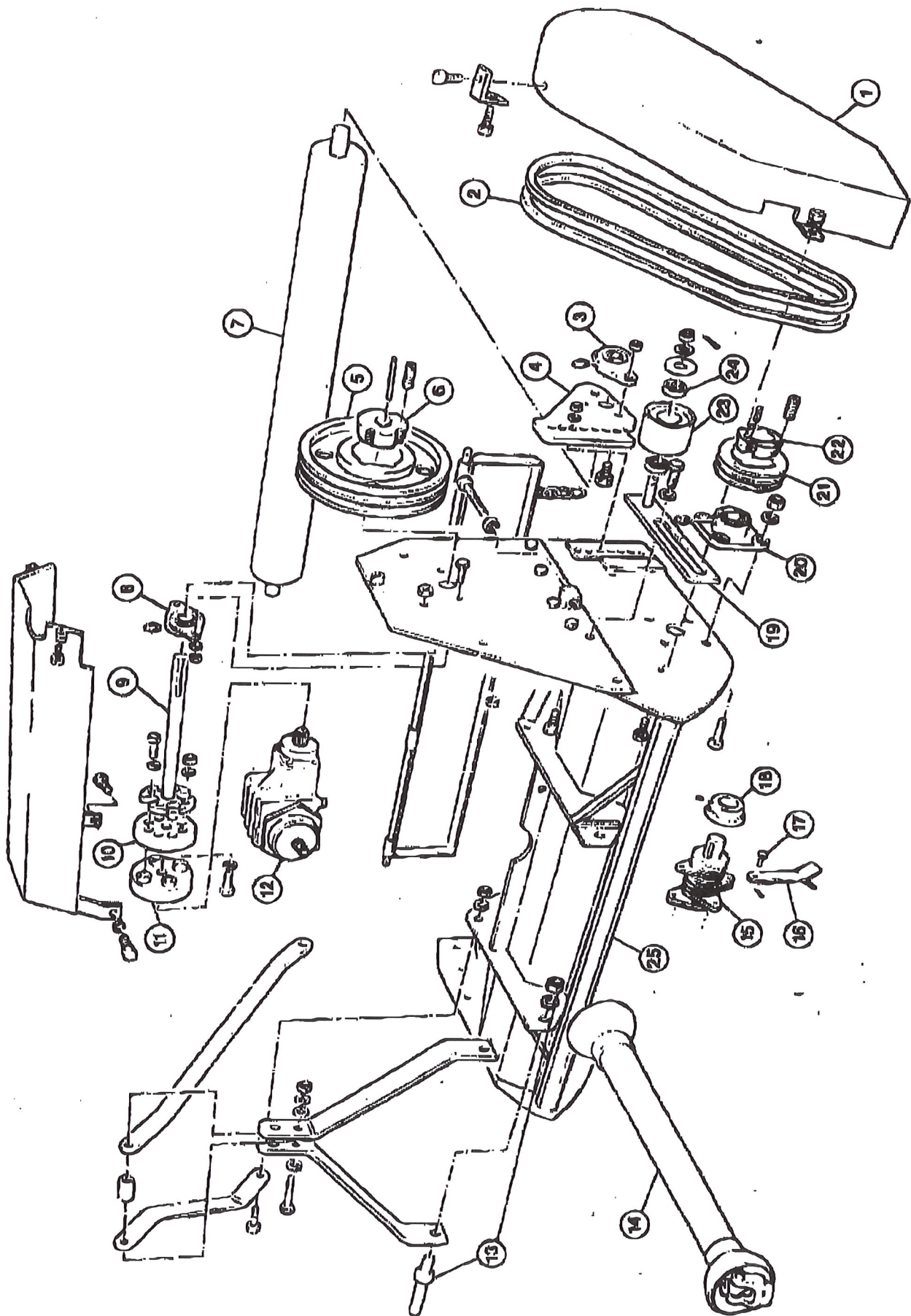
The roller is supported by sealed, self-aligning bearing and, is adjustable for height over 200 mm at intervals of 25 mm.

Bearing: All rotating shafts are supported in ball bearing, adequately sealed against dust.

Spearhead Machinery Ltd., Registered in England No. 2312982

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MAIN FRAME ASSEMBLY AND ATTACHING PARTS - Q55, Q65, Q6S.

Item no.	Part no.	Description	Qty.	Item no.	Part no.	Description	Qty.
1	1258-348	BELT COVER	1	16	1800-05	ROLLER	1
2	1258-23	V-BELT	2	17	1258-19	BLADE *	A/R
3	1258-318	JOCKEY PULLEY BEARING	2	18	1800-18	PIN & SPLIT PIN SET (84) Δ	A/R
4	1258-328	LAYSHAFT PULLEY	1	19	1800-178	CUTTER SHAFT	1
5	1258-37	LAYSHAFT T/LOCK	1	20	1258-42	FLINGER RING	2
6	1258-368	LAYSHAFT BEARING	1	21	1258-03	R/H CHECK PLATE	1
7	1800-368	LAYSHAFT	1	22	1258-20	CUTTER SHAFT BEARING	2
8	82000	GEARBOX 82000	1	23	1258-298	TAPPER LOCK ON CUTTER SHAFT	1
9	1258-38	RUBBER COUPLING	1	24	1258-288	CUTTER SHAFT PULLEY	1
10	1258-40	BOSS	1	25	1258-22	JOCKEY PULLEY	1
11	1258-58	P.T.O SHAFT COMPLETE	1	26	1258-08	JOCKEY PULLEY BRACKET	1
12	1800-018	MAIN FRAME	1				
13	1258-02	L/H CHECK PLATE	1				
14	1258-12	ROLLER BEARING	2				
15	1258-14	HITCH PIN	2				

*BLADE SET (168)
PART NO. 1800-19

ΔBLADE & PIN SET
PART NO. 1818-19

7770725
 7770708 x 80
 7770720 x 40
 2770411 x 40
 2770412 x 40

FLAIRS
 SHACKLE
 BOLT
 NUT

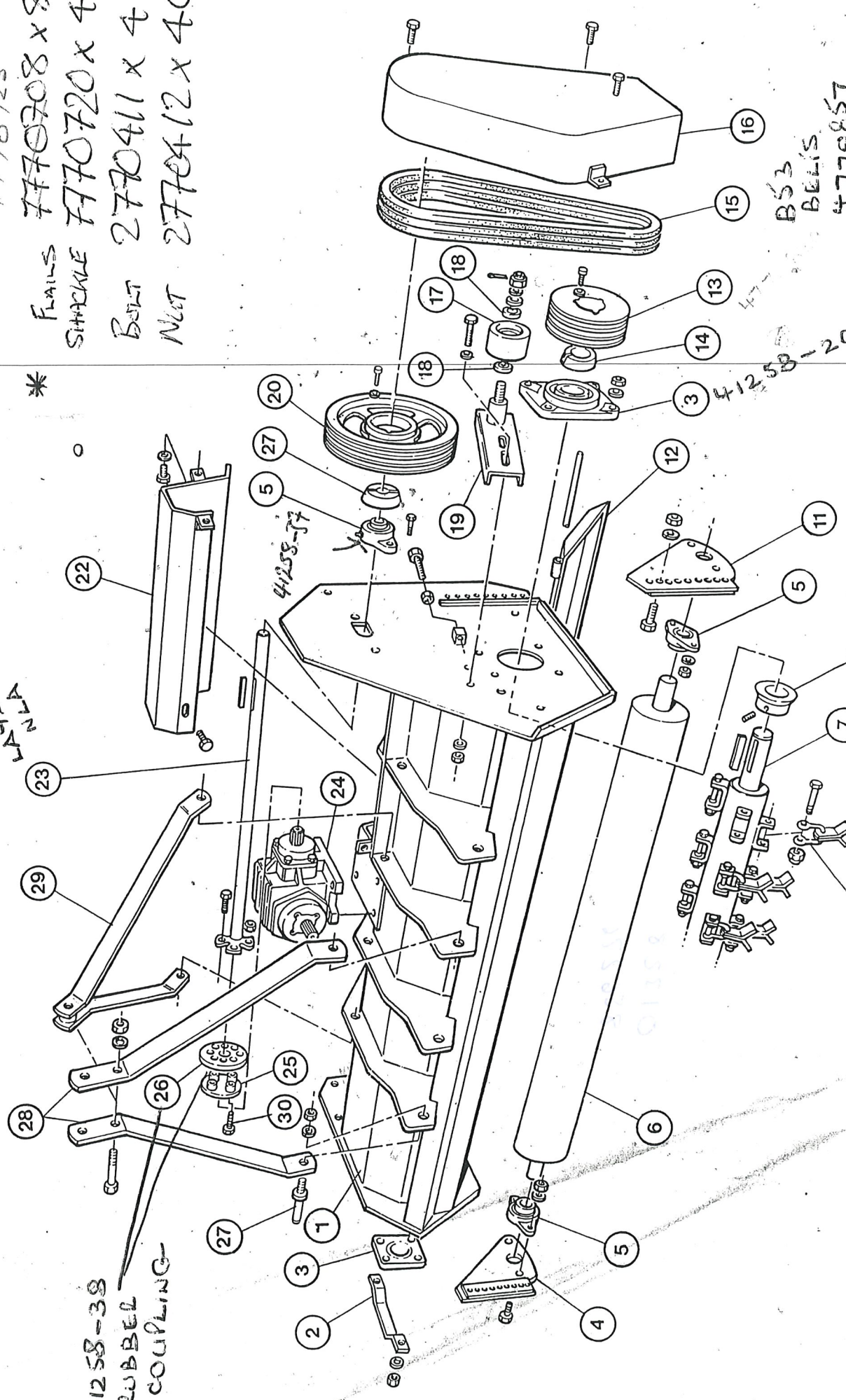
BS3
 BELLS
 4770857

41258-20 BEARING

OLD PART NO 1800-19
 NEW 7770725

WASHER

41258-38
 RUBBER
 COUPLING



7770720