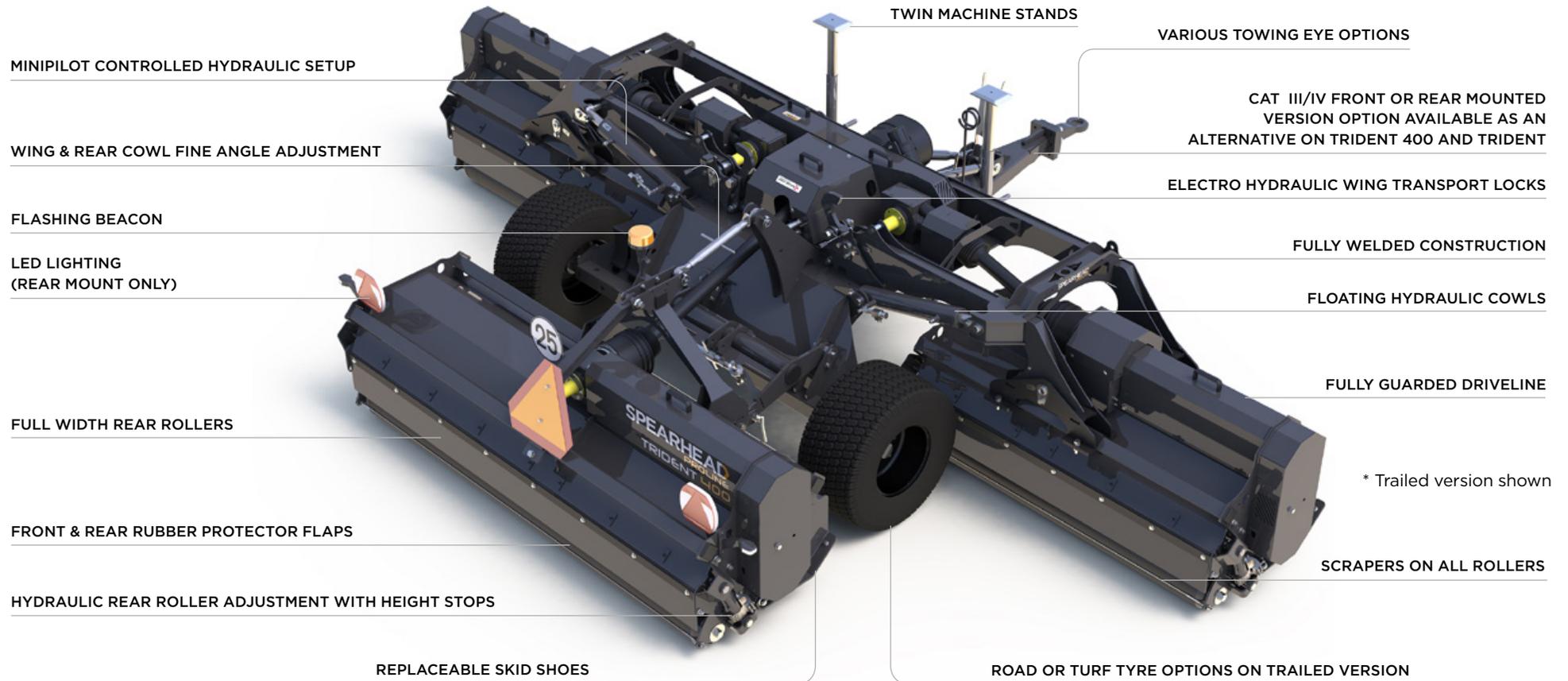


SPEARHEAD

TRIDENT PROLINE



TRIDENT PROLINE FEATURES



- TRIDENT 400 PROLINE**
- TRIDENT 500 PROLINE**
- TRIDENT 600 PROLINE**

UNIT OPTIONS

TRACTOR HP	PTO SPEED	TRANSPORT WIDTH	FITTING OPTIONS	CUTTING WIDTH	BLADE TYPE	NUMBER OF BLADES	CUTTING HEIGHT
80hp (60kW)	540/1000rpm	2.76m (9')	Trailed & Cat III/IV front or rear linkage mounted	4.70m (15' 5")	Twisted or Long Scoop flail	156	30mm - 220mm (1.2" - 8.6")
90hp (68kW)	540/1000rpm	2.76m (9')	Trailed & Cat III/IV front or rear linkage mounted	5.05m (16' 7")	Twisted or Long Scoop flail	180	30mm - 220mm (1.2" - 8.6")
120hp (90kW)	540/1000rpm	2.81m (9' 3")	Cat III/IV front or rear linkage mounted	6.16m (20' 3")	Twisted or Long Scoop flail	210	30mm - 220mm (1.2" - 8.6")

 SWIVEL TOWING EYE	 K80 TOWING EYE	 CAT III/IV LINKAGE MOUNTING	 DRAWBAR EXTENSION	 HIGH HITCH DRAWBAR	 MUDGUARD KIT
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TRIDENT PROLINE THE COMPLETE PROFESSIONAL AMENITY MOWER SOLUTION



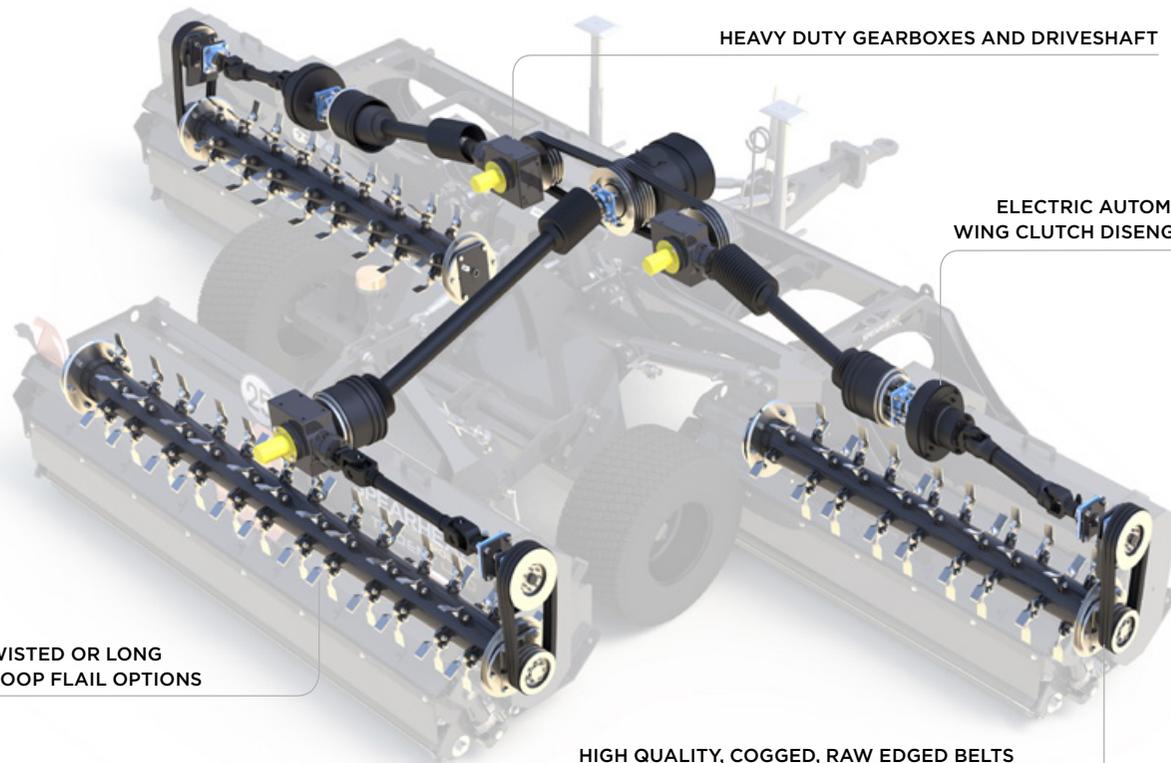
AMENITY



PASTURE



AIRFIELD

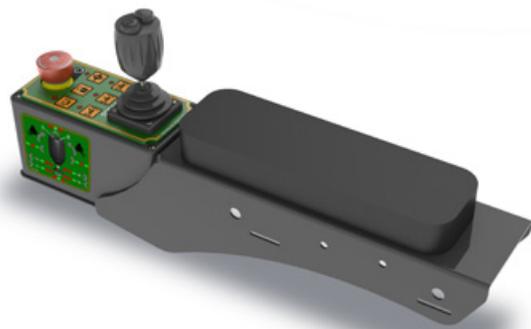


HEAVY DUTY GEARBOXES AND DRIVESHAFT

ELECTRIC AUTOMATIC WING CLUTCH DISENGAGE

TWISTED OR LONG SCOOP FLAIL OPTIONS

HIGH QUALITY, COGGED, RAW EDGED BELTS FOR MAXIMUM DRIVELINE PERFORMANCE



INNOVATIVE MINIPLOT ELECTRIC CONTROL SYSTEM TO CONTROL ALL ASPECTS OF THE MACHINE

FLAIL OPTIONS



TWISTED FLAIL



LONG SCOOP FLAIL

With more features fitted as standard, the Spearhead Trident Proline is a professional machine designed for high output amenity operators covering parkland, golf course, orchard and topping applications.

Trailed Trident machines are available in either 4.0 or 5.0 metre cutting widths and the mounted version is available in 4.0, 5.0 or 6.0m metre cutting widths, being able to be front or rear mounted. Each cutting rotor is powered by a directly belt driven pulley system found on the chassis of the machine which is then connected via a gearbox, connecting shaft and independent wing belt drive transmission system to ensure correct power and tip speed to each of its cutting flails.

Reduced stoppages, maintenance and increased user comfort are the key benefits brought with this higher specification Proline model with Spearhead's Minipilot control system being the focal point of managing these additional features.

The hydraulic rear roller on the Trident Proline can be quickly raised and lowered through the Minipilot control system with 20 different cutting height options through easy to set ram spacers.

Electric wing clutches with position sensors allow the operator to independently and automatically stop and restart each of the rotors when the particular deck is required to be raised to clear obstacles. Electric wing locks safely secure and release the machine wings from transport without the operator needing to leave the comfort of the cab.

Finally added features such as flashing beacons, mudguards and roller cleaning scraper wires add together to create a machine which improves carrying out daily operations and produces a greater final finish of the task carried out.

STANDARD SPECIFICATION	TRIDENT 400 PROLINE	TRIDENT 500 PROLINE	TRIDENT 600 PROLINE
Machine weight	2450kg (5401lbs) - (Trailed)	2540kg (5600lbs) - (Trailed)	2250kg (4961lbs)
Hitch	Trailed with multi-positional drawbar with towing eye wear pad or mounted Cat 2 with clevis top link		Cat 2 with floating clevis top link
Hitch position	Front and rear mount (see hitch options)	Front and rear mount (see hitch options)	Front and rear mount (see hitch options)
Cutting width	4.70m (15' 5")	5.05m (16' 7")	6.16m (20' 3")
Working width	5.12m (16' 10")	5.52m (18' 2")	6.56m (21' 7")
Overall length	Trailed: 3.79m (12' 5") Mounted: 2.37m (7' 10")	Trailed: 3.79m (12' 5") Mounted: 2.37m (7' 10")	2.37m (7' 10")
Cowl height	0.85m (2' 10")	0.85m (2' 10")	0.85m (2' 10")
Transport width	2.76m (9")	2.76m (9")	2.81m (9' 3")
Transport height	Trailed: 3.01m (9' 11") Mounted: 2.97m (9' 9")	Trailed: 3.21m (10' 11") Mounted: 3.13m (10' 4")	Mounted: 3.67m (12' 1")
Cutting height	30mm - 220mm (1.2" - 8.6")	30mm - 220mm (1.2" - 8.6")	30mm - 220mm (1.2" - 8.6")
Cutting capacity	20mm (0.8")	20mm (0.8")	20mm (0.8")
Wing working angles	45° up/15° down	45° up/15° down	45° up/15° down
Recommended tractor HP	80hp (60kW)	90hp (67kW)	120hp (90kW)
Power take-off speed	540/1000rpm	540/1000rpm	540/1000rpm
Gearbox	Cast iron housing	Cast iron housing	Cast iron housing
Input shaft	1-3/8" Z6	1-3/8" Z6	1-3/8" Z6
Gearbox lubricant	EP80-90W or GL-4 / GL-5 oil	EP80-90W or GL-4 / GL-5 oil	EP80-90W or GL-4 / GL-5 oil
Gearbox oil capacity	1.0 litres (1.8 pints)	1.0 litres (1.8 pints)	1.0 litres (1.8 pints)
Cowl construction	All welded construction	All welded construction	All welded construction
Skid construction	Replaceable bolt-on skid	Replaceable bolt-on skid	Replaceable bolt-on skid
Flails	Twisted or Long Scoop flail	Twisted or Long Scoop flail	Twisted or Long Scoop flail
Flail quantity	156	180	210
Flail tip speed	49 m/s (9645 fpm)	49 m/s (9645 fpm)	49 m/s (9645 fpm)
Roller diameter	168mm (6.6")	168mm (6.6")	168mm (6.6")
Number of belts	15 (3 per cowl, 6 on centre chassis)	15 (3 per cowl, 6 on centre chassis)	15 (3 per cowl, 6 on centre chassis)
Tyres*	10.0/8 x 12 road tyres or 26 x 12 turf tyres*	10.0/8 x 12 road tyres or 26 x 12 turf tyres*	N/A

* Trailed version only

SPEARHEAD

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designed and built in
GREAT BRITAIN

