

series 90

patented

The new **90 Series** represents the evolution of previous 85 Series with increased applicability and wider range of versions, rotations and configurations suitable to satisfy any mobile application.

It has been designed with the purpose of reducing weight, volume and overall dimensions without affecting its functionality.

Output ratios in Ecosplit Transmissions

All models	Direct gear (TD)		Overdrive (OD)	
	Low ratio	High ratio	Low ratio	High ratio
Output 1 Torque 800 Nm	1 : 0,93	1 : 1,11	1 : 1,11	1 : 1,32
Output 2 Torque 500 Nm	1 : 1,24	1 : 1,48	1 : 1,48	1 : 1,76
Output 2 Torque 800 Nm	1 : 0,75	1 : 0,88	1 : 0,88	1 : 1,06

Output ratios in As-Tronic 12-speed Transmissions

12 speeds	Direct gear (TD)		Overdrive (OD)	
	Low ratio	High ratio	Low ratio	High ratio
Output 1 Torque 800 Nm	1 : 0,99	-	-	1 : 1,63
Output 2 Torque 500 Nm	1 : 1,32	-	-	1 : 2,17
Output 2 Torque 800 Nm	1 : 0,80	-	-	1 : 1,31

HARSH Limited. The Industrial Estate, Full Sutton, YORK. YO41 1HS.  
T:01759 372100 F:01759 371414 W:www.harshuk.com



tipping gears . tractor kits . ejector cylinders . hooklifts . skiploaders . sheeting systems . bodyliners . on board weighing . PTO/pumps & accessories

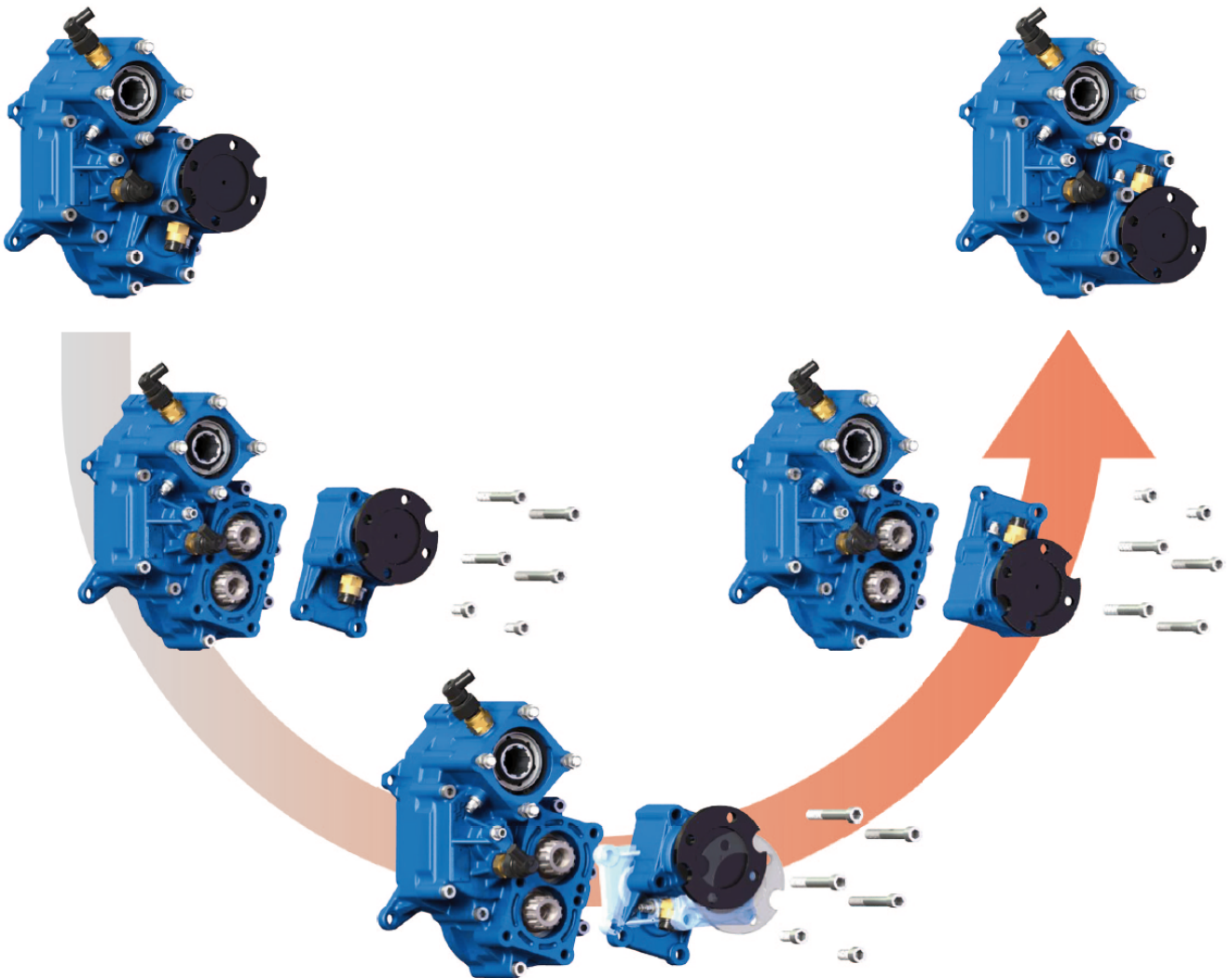
## Output ratios in As-Tronic 16-speed Transmissions

16 speeds	Direct gear (TD)		Overdrive (OD)	
	Low ratio	High ratio	Low ratio	High ratio
Output 1 Torque 800 Nm	1 : 0,92	-	-	1 : 1,34
Output 2 Torque 500 Nm	1 : 1,22	-	-	1 : 1,79
Output 2 Torque 800 Nm	1 : 0,74	-	-	1 : 1,08

### CHANGE OF ROTATION

The **90 series** has been conceived with the aim of helping selection and use of the PTO when the application ( i.e. compressor) obliges to a specific sense of rotation.

The change of rotation may be easily performed at anytime during installation according to the actual rotation required from the application.



➤ For more detailed information and ordering codes please contact our Sales Dept.

**HARSH Limited.** The Industrial Estate, Full Sutton, YORK. YO41 1HS.  
T:01759 372100 F:01759 371414 W:www.harshuk.com



tipping gears . tractor kits . ejector cylinders . hooklifts . skiploaders . sheeting systems . bodyliners . on board weighing . PTO/pumps & accessories