



Moving Innovation

GENERAL CATALOGUE

ADR SOIL



The Axle Company since 1954

Moving Innovation

ADR group



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ADR SOIL

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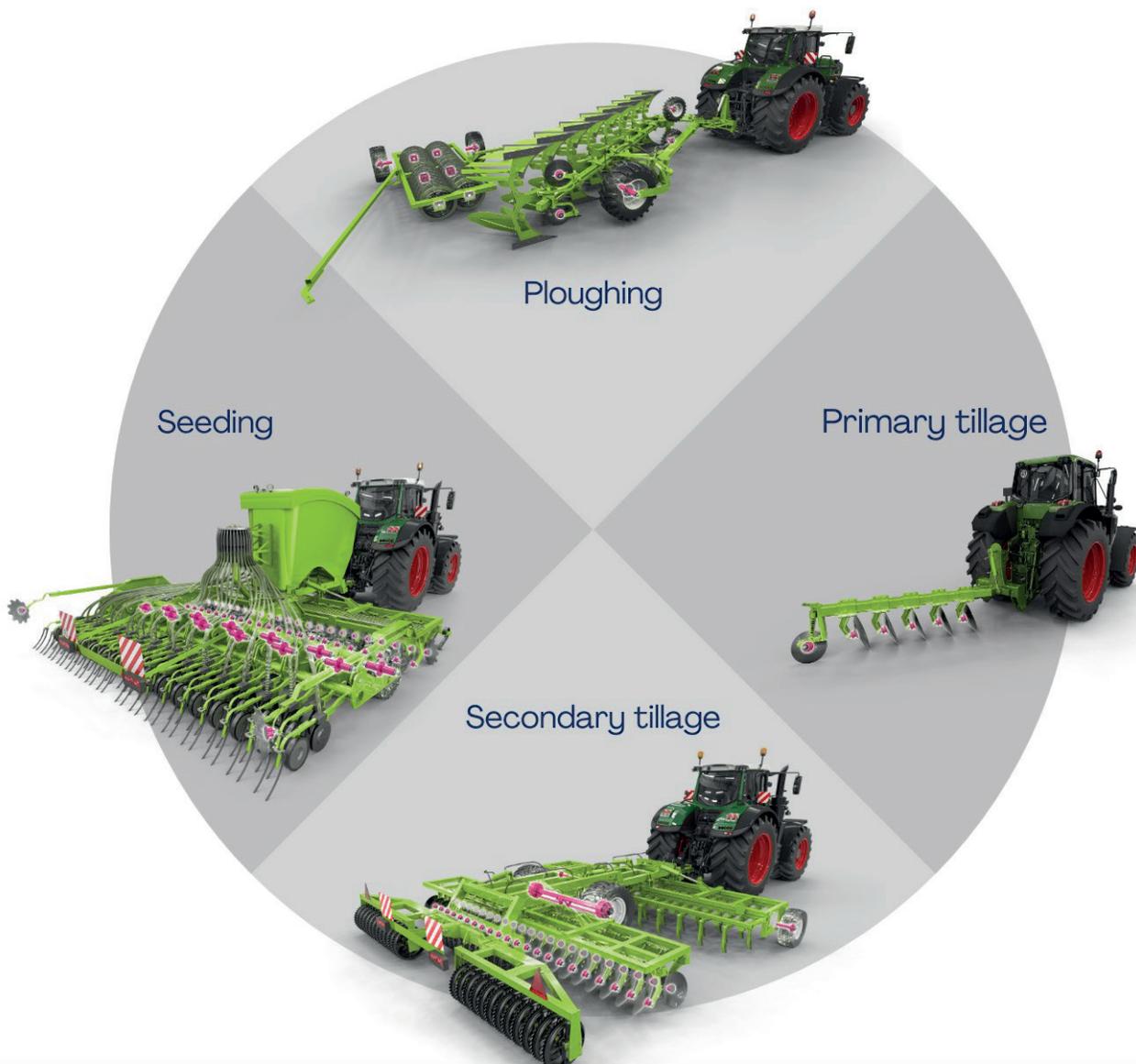
ADR SOIL

the ADR line for high-performance agriculture

ADR presents **ADR Soil**, the product line dedicated to machines that work directly on the soil, from preparation to seeding.

Designed to ensure **strength** and **reliability**, ADR Soil meets advanced durability needs, protecting components from external agents.

With ADR Soil, agricultural work reaches new standards of efficiency and longevity, delivering **superior performance in every condition**.





ADR SOIL

High Performance Tailored for Every Application

The ADR Soil line is divided into **two specialized categories**, with specific characteristics, depending on where the product is mounted on the machine.

Each product is designed to maximize **durability** and **efficiency**.

DISC LINE

The Disc Line products are developed to **support processing discs** in direct contact with the soil and to handle heavy mechanical stress and constant risk of contamination from external agents.

WHEEL LINE

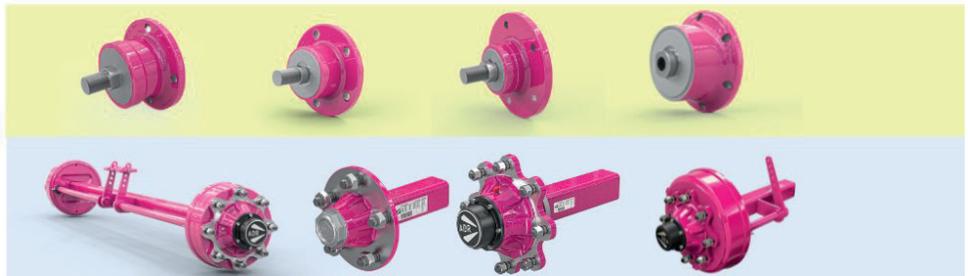
Even though they are not in direct contact with the soil, wheels face constant exposure to external agents. Built to safeguard performance and extend service life, the Wheel Line is a **trusted solution** for reliable operation in demanding Conditions.

ADR SOIL overview

PLOUGHING — wheel line



PRIMARY TILLAGE — disc line



SECONDARY TILLAGE — disc line and wheel line



SEEDING — disc line and wheel line





DISC LINE

Ready-to-Use Solutions to Maximize Performance

*The ADR Disc Line offers a range of **ready-to-use products**, designed for easy installation on the most common machines.*

This line guarantees a significant boost in machine **quality, reliability,** and **Productivity** and all the products are tailored to ensure durability and to meet the demands of this challenging environment.

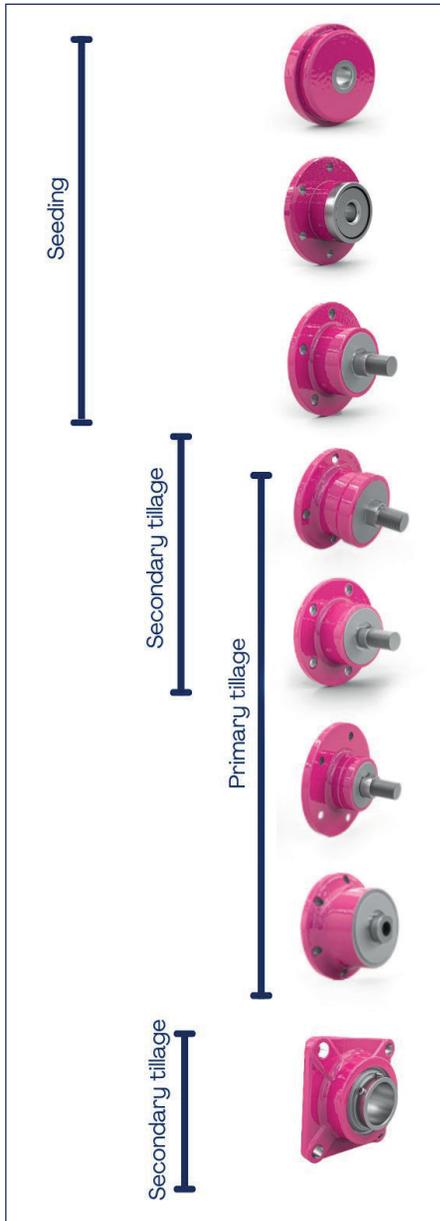
The Disc Line consists in **lifetime-sealed products** with a premium grease made from a lithium complex soap thickener and high-quality mineral based oil, meaning that the **bearings** are lubricated and protected for the entire product lifespan, shielded from mud, dust, stones, and water.

The Disc Line is completely **maintenance-free** throughout the seasonal application, guaranteeing maximum efficiency and continuous operation for agricultural machinery.

Machine manufacturer advantages	Features
Reduced design and test cost of the machine	Products ready to apply and use, for a direct application on the most common machines
Improved productivity	Easy and simple installation of the unit

User advantages	Features
Increase of quality, reliability and productivity of the machine	The bearings are greased and protected for their whole life-time
No machine downtime for disc hub maintenance	Completely maintenance free during the seasonal application

Disc line



PRIMARY TILLAGE

Hub 30, Hub 35, Hub 40, Hub 45



SECONDARY TILLAGE

Hub 16, Hub 20, Hub 30, Hub 35, Hub 40, Hub 45, UCF



SEEDING

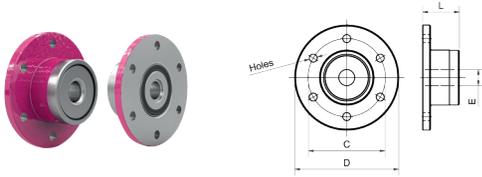
Hub 16, Hub 20, Hub 30, Hub 35, Hub 40

SEEDING

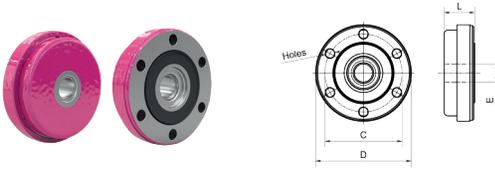
Customized hubs



Hub 16

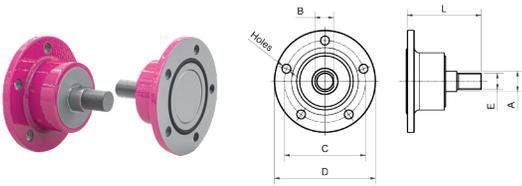


CODE	C	D	E	L	HOLES	DISC
	mm	mm	mm	mm	mm	mm
S1600Z00Z001	80	100	16,053	36	N°6 – M8x1,25	300-400
S1600Z00Z002	78	105	16,053	36	N°6 - Ø 9,5	300-400



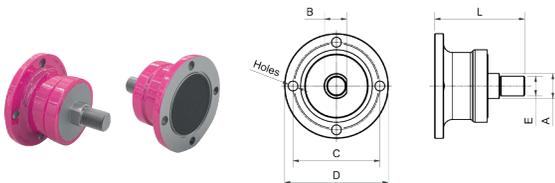
CODE	C	D	E	L	HOLES	DISC
	mm	mm	mm	mm	mm	mm
S1600Z00Z003	60	74,4	16	23	N°6 – M8x1	300-400

Hub 20



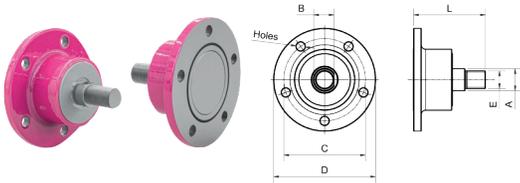
CODE	A	B	C	D	E	L	HOLES	DISC
	mm	mm	mm	mm	mm	mm	mm	mm
S2100Z00Z001	20	18,5	80	100	M16x2	73	N°5 – Ø 8,5	400-500
S2100Z00Z002	20	18,5	80	100	M16x2	73	N°6 – Ø 8,5	400-500
S2100Z00Z003	20	18,5	80	100	M16x2	73	N°6 – M8x1,25	400-500

Hub 30



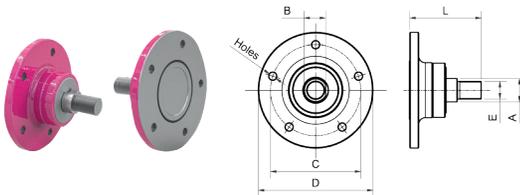
CODE	A	B	C	D	E	L	HOLES	DISC
	mm	mm	mm	mm	mm	mm	mm	mm
S3100Z00002	28	25,5	98	117	M22x1,5	100,8	N°4– M12x1,25	500-560
S3100Z00003	28	25,5	98	117	M22x1,5	100,8	N°5– M12x1,25	500-560
S3100Z00Z003	28	25,5	98	117	M22x1,5	100,8	N°6– M12x1,25	500-560
S3100Z00Z004	28	26,5	98	117	M24x2	107	N°6– M12x1,25	500-560
S3100Z00Z005	30	27,5	98	117	M24x2	105	N°4– M12x1,25	500-560

Hub 35



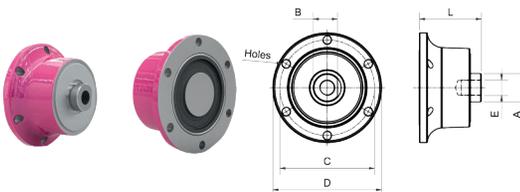
CODE	A	B	C	D	E	L	HOLES	DISC
	mm	mm	mm	mm	mm	mm	mm	mm
S3600Z00Z002	35	30	160	185	M30x1,5DX	113	N°5 - Ø 12	560-620
S3600Z00Z003	35	30	160	185	M30x1,5SX	113	N°5 - Ø 12	560-620
S3600Z00Z004	35	28	112	140	M24x2	98,5	N°5 -M12x1,5	560-620
S3600Z00Z005	35	30	115	140	M30x1,5	115	N°4 -M12x1,25	560-620
S3600Z00Z006	35	28	150	178	M34x2	116	N°6 -M12x1,5	560-620

Hub 40



CODE	A	B	C	D	E	L	HOLES	DISC
	mm	mm	mm	mm	mm	mm	mm	mm
S4100Z00Z001	40	33,5	140	178	M27x2	111	N°5 - 12x1,25	> 620
S4100Z00Z002	40	25,5	98	117	M22x1,5	100,8	N°4 -M12x1,25	> 620

Hub 45



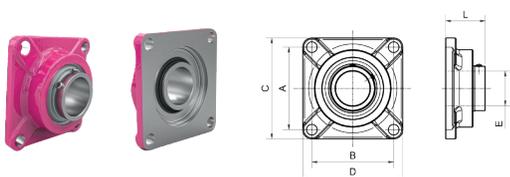
CODE	A	B	C	D	E	L	HOLES	DISC
	mm	mm	mm	mm	mm	mm	mm	mm
S4600Z00002	31,8	29	122	140	M20x1,5	79,8	N°6 - M12x1,25	> 620
S4600Z00001	44	40	122	140	M24x2	79,8	N°6 - M12x1,25	> 620

Seeding customized hubs



S2100Z00Z004 S2600Z00Z001 S1600Z00Z004 S1700Z00Z001

UCF



CODE	A	B	C	D	E	L
	mm	mm	mm	mm	mm	mm
59U06001	142,9	142,9	174,6	174,6	60	69,1
59U03501	92,1	92,1	117,5	117,5	35	44,5
59U05001	111,1	111,1	142,9	142,9	50	54,8
59U04001	101,6	101,6	130,2	130,2	40	51,4
59U04501	105	105	136,5	136,5	45	52,4
59U05501	130,2	130,2	161,9	161,9	55	58,7



WHEEL LINE

Advanced Solutions for Optimal Wheel Performance in Agricultural Machinery

*The Wheel Line products are crafted to meet the unique demands of soil-working machinery, offering **robust support** for wheels across **diverse load capacities** and great versatility, making it the perfect solution for any use.*

This line enhances the **reliability** and **durability** of standard wheel hubs by integrating advanced seals that protect bearings from contaminants, effectively reducing wear.

Also, these products are engineered for **easy maintenance** with lubrication without disassembly, maximizing operational efficiency and minimizing downtime.

With **three performance levels** - Standard, High, and Top - customers can select the best fit based on specific soil processing needs.

Machine manufacturer advantages	Features
Easy choice of the right product	Possibility to choose on a really wide range of dimensions and load capacities, with or without brakes
Improved productivity	Easy and simple installation of the unit, customizable design for fitting
Reliability of the machine	Seals specifically designed for the application

User advantages	Features
Increase of the quality, the reliability and the productivity of the machine	Life of the bearings increased due to the good sealing
Reduced maintenance	Possibility to maintain a good and constant lubrication without disassembling

Wheel line

PLOUGHING

Stub axles



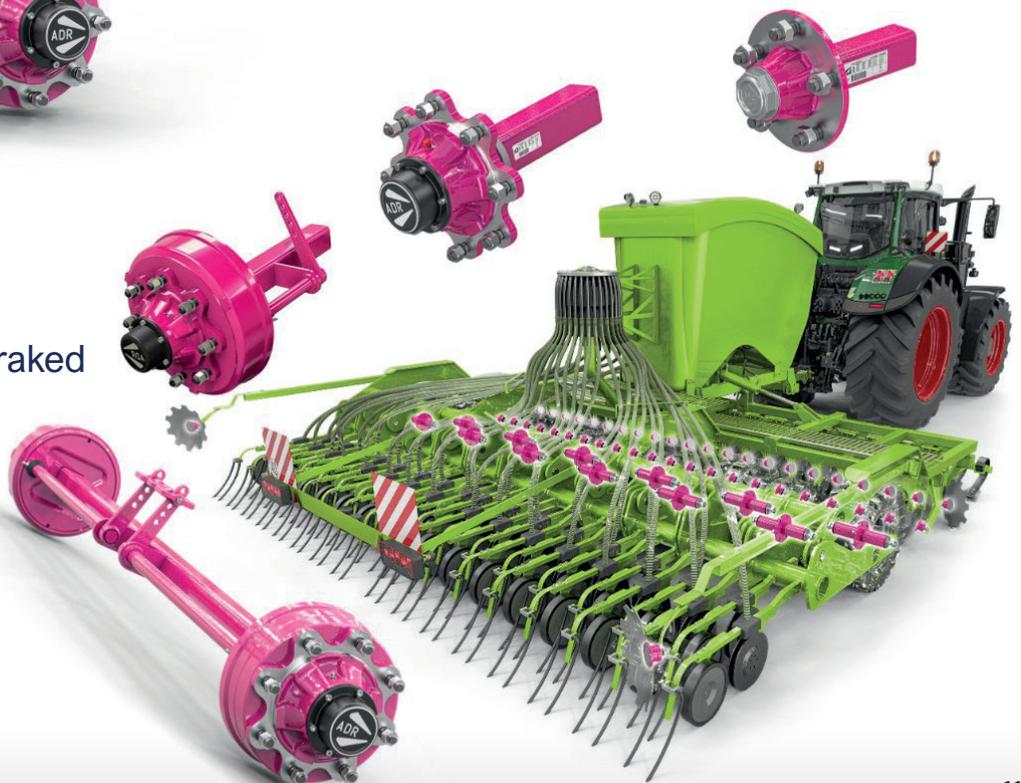
PRIMARY AND SECONDARY TILLAGE

Axle and stub axles braked and



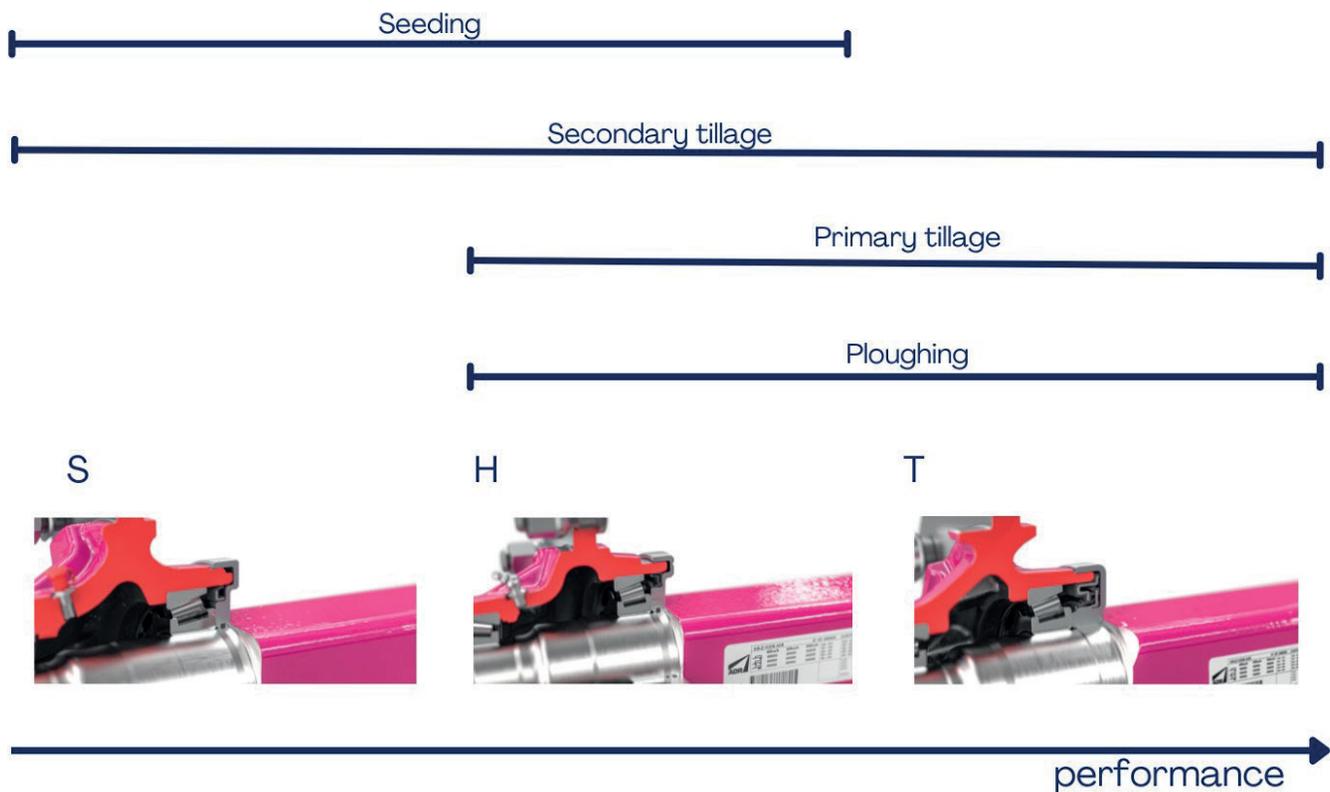
SEEDING

Axle and stub axles braked and unbraked



WHEEL LINE

We identified different types of seal, organized in three performing levels: standard, high and top.



UNBRAKED STUBAXLES

CODE	SQUARE (mm)	OVERHANG (mm) H	CAPACITY (kg) with tyre ET0, R max. 600mm		p.c.d.			SEAL TYPE
			25 km/h	40 km/h	NC	ØA (mm)	ØB (mm)	
S50JR500...	50	210	1.650	1.400	5 M16	94	140	S
S50JR600...	50	210	1.650	1.400	6 M18	160	205	S
S50JX500...	50	210	1.650	1.400	5 M16	94	140	H
S50JX600...	50	210	1.650	1.400	6 M18	160	205	H
S60LR600...	60	225	2.400	2.100	6 M18	160	205	S
S60LW600...	60	225	2.400	2.100	6 M18	160	205	H
S60LS600...	60	225	2.400	2.100	6 M18	160	205	T
S70NR600...	70	220	3.600	3.350	6 M18	160	205	S
S70NR800...	70	220	3.600	3.350	8 M18	220	275	S
S70NZ600...	70	220	3.600	3.350	6 M18	160	205	H
S70NZ800...	70	220	3.600	3.350	8 M18	220	275	H
S80RR600...	80	240	5.000	4.600	6 M18	160	205	S
S80RR800...	80	240	5.000	4.600	8 M18	220	275	S
S80RZ600...	80	240	5.000	4.600	6 M18	160	205	H
S80RZ800...	80	240	5.000	4.600	8 M18	220	275	H
S90TR800...	90	290	5.900	5.500	8 M20	220	275	S
S90TR100...	90	290	5.900	5.500	10 M22	280	335	S
S90TJ800...	90	290	5.900	5.500	8 M20	220	275	H
S90TJ100...	90	290	5.900	5.500	10 M22	280	335	H

All the models can be equipped with brake. For brake characteristics please refer to the ADR general catalogue.

ADR team can support you for the best choice for your machine and application. Get in contact with ADR sales and technical team.

UNBRAKED AXLES

CODE	SQUARE (mm)	OVERHANG (mm)	CAPACITY (kg) with tyre ET0, R max. 600mm		p.c.d.			SEAL TYPE
			25 km/h	40 km/h	NC	ØA (mm)	ØB (mm)	
A50JR500...	50	210	3.300	2.800	5 M16	94	140	S
A50JR600...	50	210	3.300	2.800	6 M18	160	205	S
A50JX500...	50	210	3.300	2.800	5 M16	94	140	H
A50JX600...	50	210	3.300	2.800	6 M18	160	205	H
A60LR600...	60	225	4.800	4.200	6 M18	160	205	S
A60LW600...	60	225	4.800	4.200	6 M18	160	205	H
A60LS600...	60	225	4.800	4.200	6 M18	160	205	T
A70NR600...	70	220	7.200	6.700	6 M18	160	205	S
A70NR800...	70	220	7.200	6.700	8 M18	220	275	S
A70NZ600...	70	220	7.200	6.700	6 M18	160	205	H
A70NZ800...	70	220	7.200	6.700	8 M18	220	275	H
A80RR600...	80	240	10.000	9.200	6 M18	160	205	S
A80RR800...	80	240	10.000	9.200	8 M18	220	275	S
A80RZ600...	80	240	10.000	9.200	6 M18	160	205	H
A80RZ800...	80	240	10.000	9.200	8 M18	220	275	H
A90TR800...	90	290	11.800	11.000	8 M20	220	275	E
A90TR100...	90	290	11.800	11.000	10 M22	280	335	E
A90TJ800...	90	290	11.800	11.000	8 M20	220	275	F
A90TJ100...	90	290	11.800	11.000	10 M22	280	335	F

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The Axle Company since 1954