

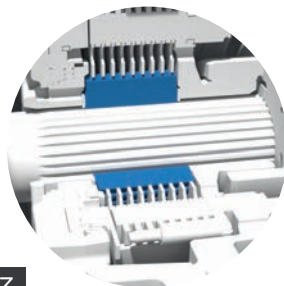
DIRECTLY DRIVEN PLANETARY STEERING AXLES



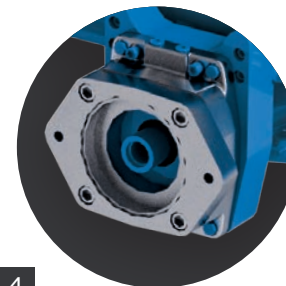
1
CAST DESIGN



2
PATENTED SELF-COOLED
TURBO BRAKE



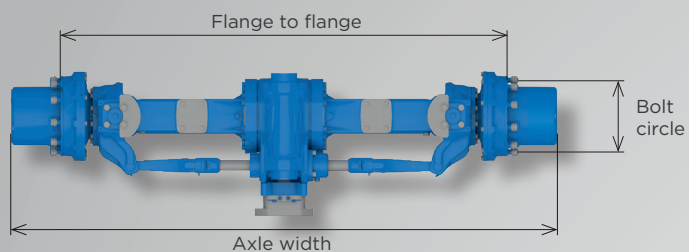
3
DIFFERENTIAL LOCKS
MDDL
OR NOSPIN®
OR DOG CLUTCH
OR LIMITED SLIP



4
DIRECT MOTOR ATTACHMENT
WITH GEAR DRIVE

TYPE	LAP 44	LAP 54	LAP 55
Ratio	39.16 – 58.75	55.3 – 68.1	19.32 – 23.98
Static axle load up to [kN]	110	140	320
Dynamic axle load [kN]	110	140	190
Max. speed [kph]	40	40	25
Parking brake	Optional		
Service brake	Optional		
Input torque [Nm]	900	1050	max. 3500
Input RPM	3800	4500	3400
Axle width [mm]	2704 – 3510	3050 – 3569	2570
Flange-to-flange [mm]	2470 – 3270	2770 – 3270	2100
Bolt circle [mm]	275	335	335
Driven by	Directly attached gearbox/hydrostatic or hydrodynamic driveline		
Differential locks	Various solutions available		

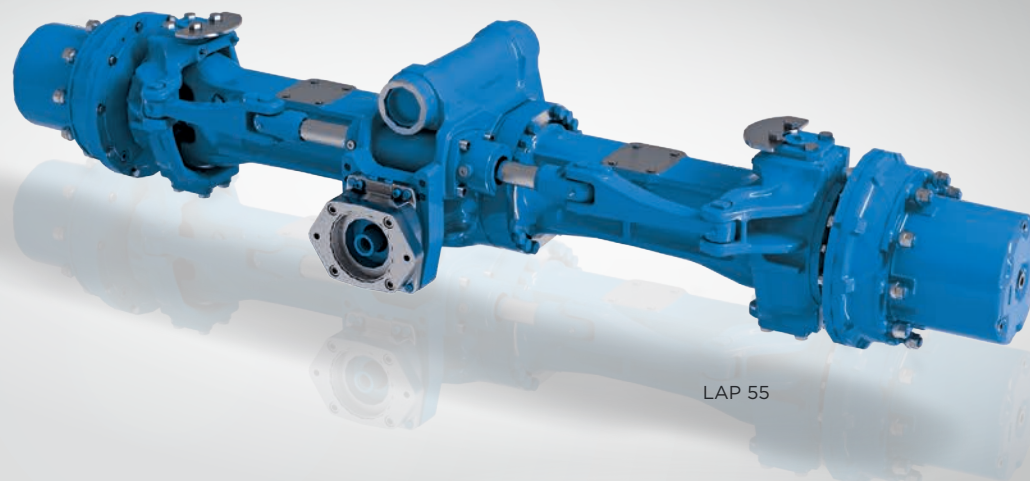




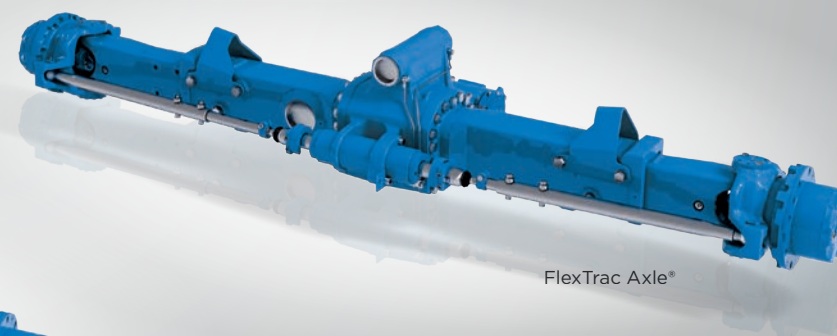
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Product features:

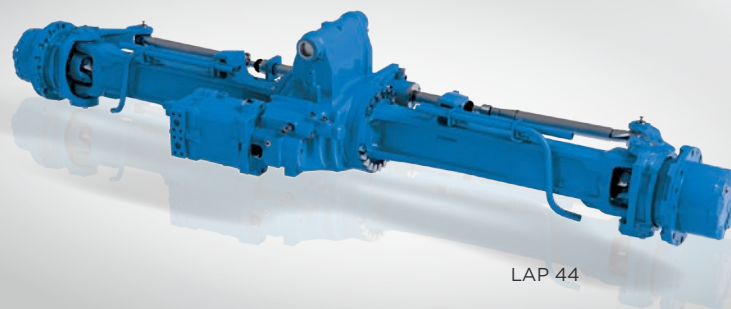
- > Gear drive integrated in differential housing, compact design
- > Various hydraulic or electric motor sizes and models can be attached
- > FlexTrac Axle® with adjustable track width to fit different tyre sizes



LAP 55



FlexTrac Axle®



LAP 44



NAF is the expert for power transmission, traction and load capacity on mobile working machines. Our gears and axles create a substantial competitive advantage in the heavy-duty off-highway industry. As a system partner we have been mastering the tasks of our market-leading customers since 1960 and invest 5 % of our annual turnover into research and development.

As our customer you benefit directly from our passion for innovation that guarantees your success.



AT HOME ON **3** CONTINENTS



48

Supplied countries worldwide

More than 650

Employees in total

28.000 m²

of production area

40.000

Components sold each year

18

Patents and
protected innovations

20

Employees working in
R&D/PDP

Headquarters and production

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