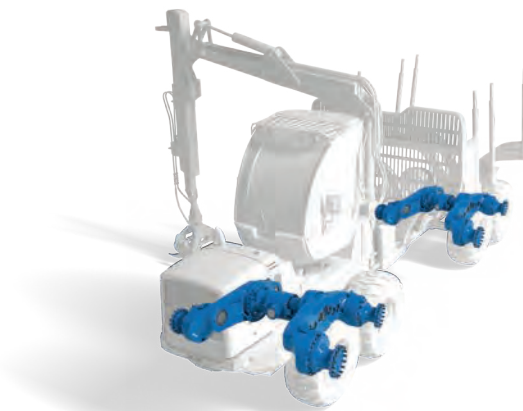
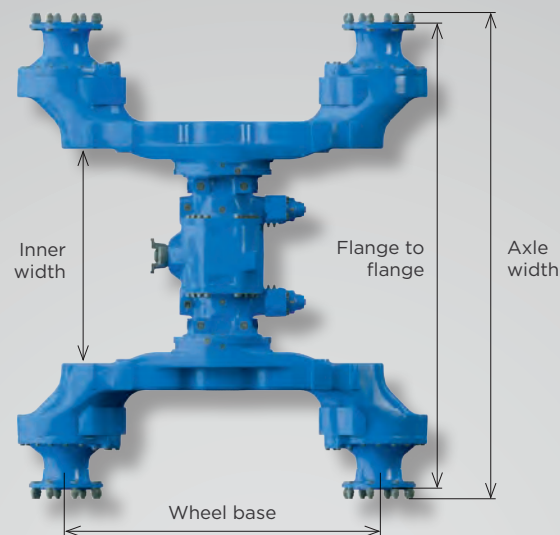
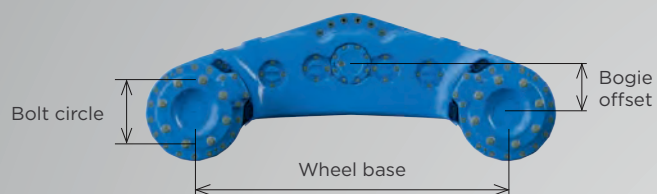


PORTAL BOGIE AXLE



TYPE	PTA 44	PTA 54	PTA 55	PTA 56
Ratio	19.5 - 20.30	19.5 - 20.30	14.59 - 29.38	22.14 - 25.82
Static axle load up to [kN]	180	180	280	360
Dynamic axle load [kN]	120	120	170 - 220	230 - 255
Max. speed [kph]	30	30	30	30
Tyre sizes	22.5"	22.5"	24.5" / 25" / 26.5"	25" / 26.5"
Parking brake design	Inboard on differential			
Service brake design	Inboard on differential			
Input torque [Nm]	Max. 3500	Max. 3500	Max. 5200	Max. 6800
Input RPM	Max. 2800	Max. 2800	Max. 2800	Max. 2800
Axle width [mm]	1873 - 2047	1873 - 2047	2094 - 2500	2480 - 2640
Flange-to-flange [mm]	1779 - 1953	1779 - 1953	2000 - 2406	2390 - 2550
Inner width [mm]	739 - 940	739 - 940	638 - 952	960 - 1070
Bolt circle [mm]	275	335	335	335
Wheel base [mm]	1300	1300	1400 - 1520	1500 - 1640
Bogie offset [mm]	200	200	150/175/200	200
Drive flange	DIN/MECHANICS/SPICER in different sizes			
Driven by	Flange / directly attached gearbox / hydrostatic, hydrodynamic or electric driveline			
Differential locks	MDDL / NoSpin® / dog clutch / limited slip			
Optional	PBBS® for all sizes available			

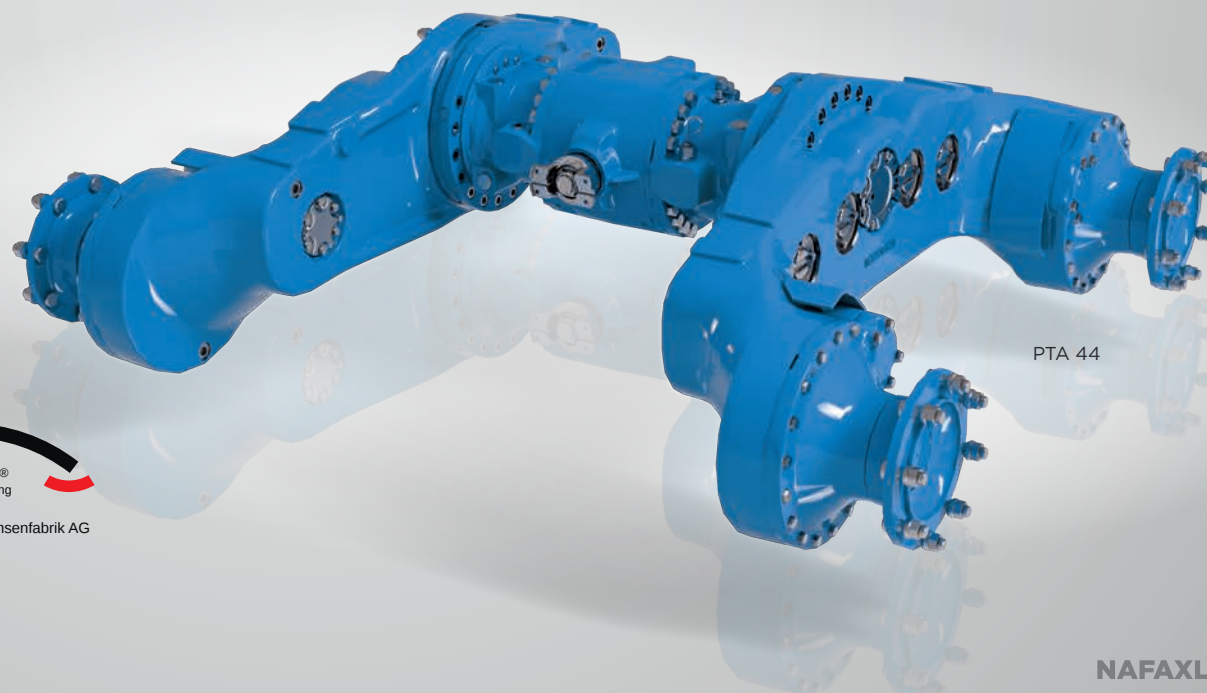
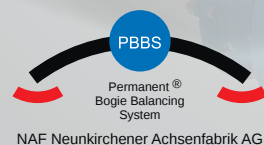




PORTAL BOGIE AXLE

Product features:

- > The PTA axle product range was especially designed for forestry and offroad applications which require a very high spread of ratio possibilities
- > The axles are designed with a portal housing for optimised ground clearance
- > Moreover, all PTA models can be equipped with the patented "Permanent Bogie Balancing System" (PBBS®)
- > PBBS® increases the tractive effort by counteracting the bogie lifting effect



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

600

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

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