

PRODUCT SPECIFICATION

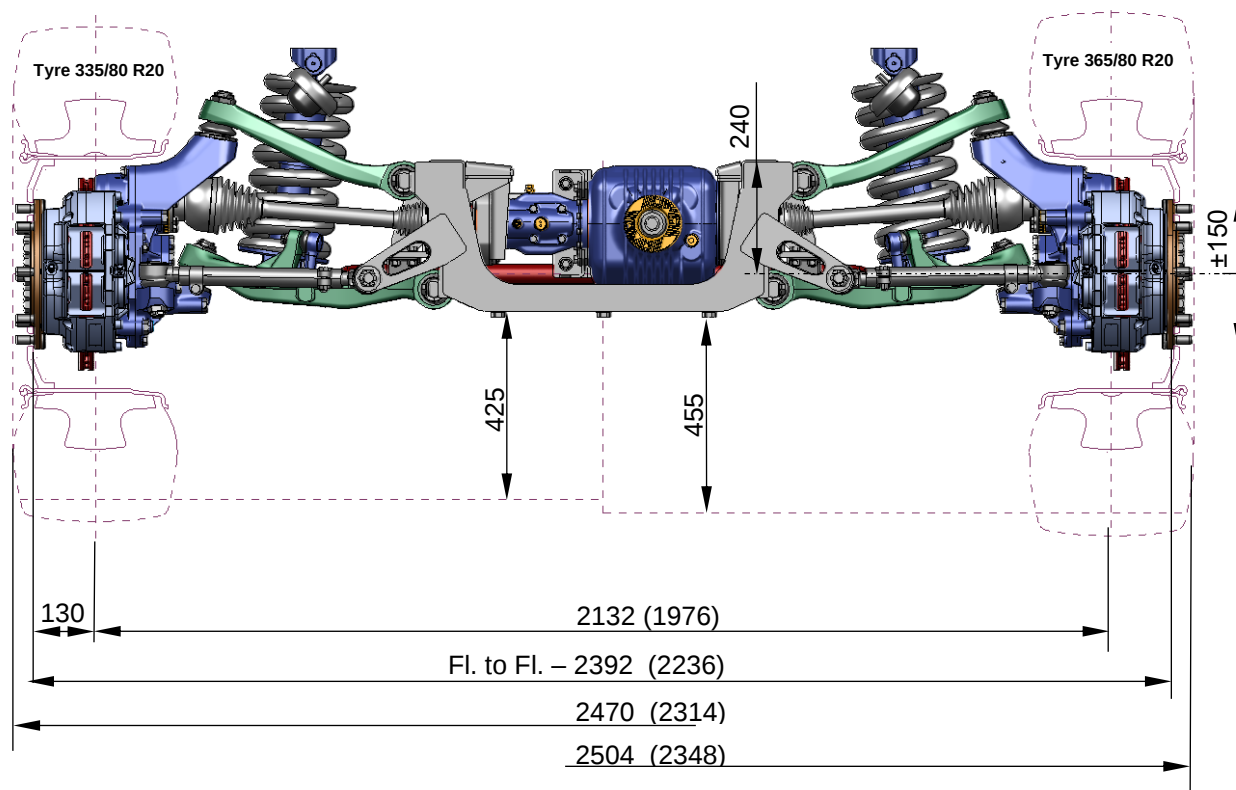
INDEPENDENT SUSPENSION AXLE SYSTEM AX60LP Low Profile

TECHNICAL DATA

Static Axle Load, Front/Rear	6 000 kg / 6500 kg (7000kg)		
Axle Differential Ratio	1,69		
Wheel Gear Ratio	3,2	2,88	2,26
Overall Ratio	5,42	4,87	3,83
Maximum Input Torque	8 500 Nm		
Maximum Input Speed	3 500 RPM		
Suspension	Coil Spring		
Damping	Hydraulic Damper		
Total Wheel Travel	300mm		
Maximum wheel Angle Inside / Outside	37,0° / 29,5°		
Differential Oil Capacity	3,30 l		
Wheel Gear Oil Capacity	0,95 l		
Oil Specification	SAE 75W-90, Multi-Purpose Gear Oil, API-GL-5 or MIL-L-2105C or CD		
Max. Working Differential Temperature	130°C		
Max. Working Temperature of Wheel	100°C		
Brake	Hydraulic Brakes Ventilated Disc Ø405mm		
Tyre	335/80 R20, 365/80 R20		
Wheel Mount	20" 8-Bolt – Stud/Hub Piloted, 275mm (10,83")		
Weight Front/Rear	681 kg / 676 kg incl. subframes and steering subfr. 571 kg / 548 kg without subframes		

Option:

Suspension	Hydropneumatic with Height Management System option
Differential	Drive through differential with IAD 1:1
AWS	Remote electro-hydraulic steering
Brake	ABS Sensor, Brake Caliper 4x60
Parking Brake	SAHR; SAAR



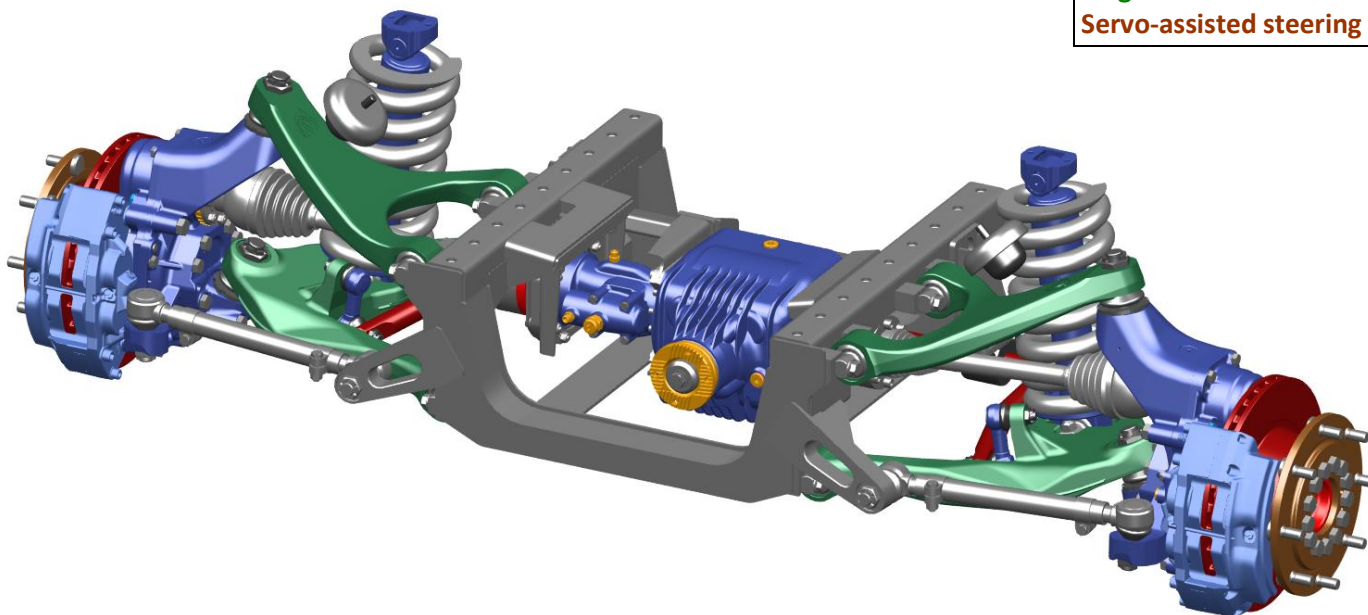
Address: Lubina 462, 742 21 Kopřivnice, CZECH REPUBLIC

Phone: +420 556 808 037, Fax: +420 556 808 685, vneuman@ads-cz.com, www.ads-cz.com

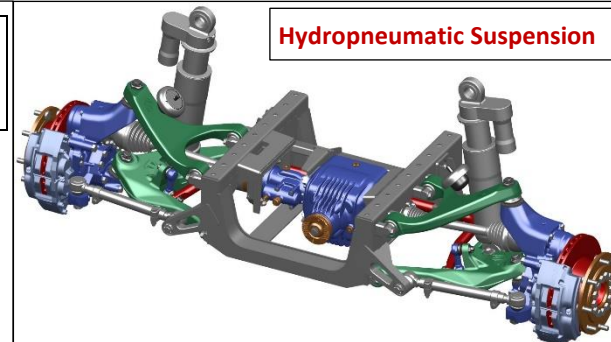
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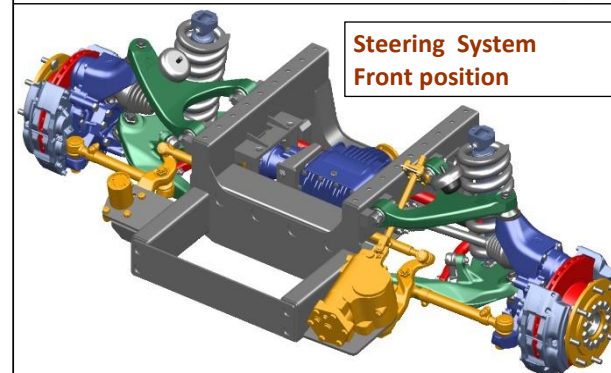
Mechanical Suspension
Single Differential
Servo-assisted steering



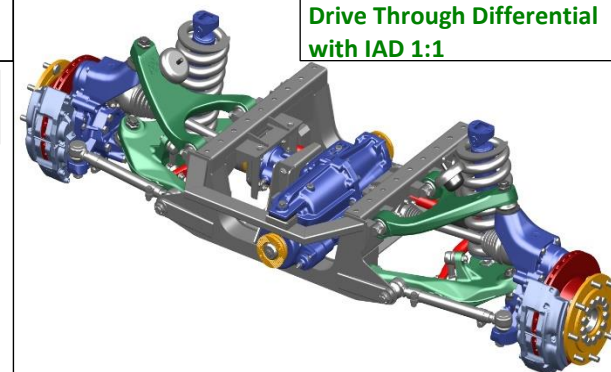
Hydropneumatic Suspension



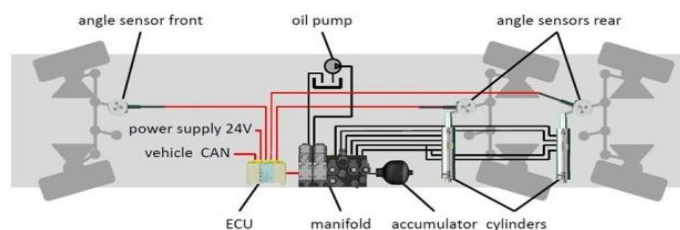
Steering System
Front position



Drive Through Differential
with IAD 1:1



Remote Electro-hydraulic Steering, AWS



Steering system
Rear position

