Perfors			340	330	320	310
Number of yolinders/Imbake	Engine					
Calib capanary	Manufacturer		Perkins	Perkins	Perkins	Perkins
Bone Stroke mm	Number of cylinders/intake		4/TI	4/TI	4/T	4/T
Output at standard good (ISO TR 14396°, 97/884EC) KW/hp 75/102 68/92 64/87 56/75 Output at at nominal engine speed (ECR R24) KW/hp 75/102 68/92 24/97 25/96 2300	Cubic capacity	cm ³	4,400	4,400	4,400	4,400
Output at nominal engine speed (FCE R 24) KW/hp 24/10 (o. 86.00 63/36 (o. 37.8) 54/74 Nominal engine speed rpm 2,200 2,300 2,000 2,		mm		105/127	105/127	105/127
Output at nominal engine speed (FCE R 24) KW/hp 24/10 (o. 86.00 63/36 (o. 37.8) 54/74 Nominal engine speed rpm 2,200 2,300 2,000 2,	Output at rated speed (ISO TR 14396 ¹ , 97/68/EC ²)	kW/hp		68/92	64/87	55/75
Nominal engine speed rgm 2,200 2,300 2,300 2,300		kW/hp		66/90	63/86	54/74
Engines speed at max. torque rpm 1.400 1.400 1.200		rpm	2,200	2,300		2,300
Max. Incruee (ISO IR 14386 3748 373 307 Max. Incruee (ICCR 24)		rpm	1,400	1,400	1,200	1,200
Max. Incurse (FCER 24)		Nm	410	398		
Toque rise % 26		Nm		393	369	305
Max. fuel capacity I 145 145 145 145 Oll-change interval h 500 500 500 500 Transmission Transmission CLAAS CLAAS </td <td></td> <td>%</td> <td>26</td> <td>43</td> <td>43</td> <td>35</td>		%	26	43	43	35
No. No.	Visco fan		•	•	•	•
Dil-change interval Dil-change interval	Max. fuel capacity		145	145	145	145
Transmission		h	500	500	500	500
Manufacturer						
Cx version Cx version EVEX.FSHIFT — electrohydraulic reversing function ● <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td></th<>						
CX version REVERSHIET — electrohydraulic reversing function ● <						
REVERSHIFT - electrohydraulic reversing function	Top speed	km/h	40/30	40/30	40/30	40/30
REVERSHIFT - electrohydraulic reversing function	CY version					
Mechanical gears 5 5 5 5 TVMNSHIFT powershift transmission with 2 steps per ratio ●						•
TWINSHIFT powershift transmission with 2 steps per ratio						
Creep gears O O O O Min. speed of creep gears at 2,200 rpm km/h 0.44 0.44 0.44 0.44 Max. ratios (F/R) 30/30 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Min. speed of creep gears at 2,200 rpm						
Max. ratios (F/R) 30/30 30/30 30/30 30/30 CL version BEVERSHIFT – electrohydraulic reversing function ● </td <td></td> <td>l/m/h</td> <td></td> <td></td> <td></td> <td></td>		l/m/h				
Cl. version PREVERSHIFT - electrohydraulic reversing function ●		NIII/II				
Nechanical gears S S S S S S S S S	ividx. Idilos (F/n)		30/30	30/30	30/30	30/30
Mechanical gears 5 5 5 Creep gears o<	CL version					
Creep gears O O O O Min. speed of creep gears at 2,200 rpm km/h 0.54 0.54 0.54 0.54 Max. ratios (F/R) 15/15 15/15 15/15 15/15 15/15 C version Synchronised reversing gear Mechanical gears 5 5 5 5 Creep gears 0 0 0 0 Min. speed of creep gears at 2,200 rpm km/h 0.54 0.54 0.54 0.54 Max. ratios (F/R) 15/15	REVERSHIFT – electrohydraulic reversing function		•	•	•	•
Min. speed of creep gears at 2,200 rpm km/h 0.54 0.54 0.54 0.54 Max. ratios (F/R) 15/15 15/15 15/15 15/15 15/15 C version Synchronised reversing gear Mechanical gears 5	Mechanical gears		5	5	5	5
Max. ratios (F/R) 15/15 15/15 15/15 15/15 C version Synchronised reversing gear Mechanical gears 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 0 <t< td=""><td>Creep gears</td><td></td><td>0</td><td>0</td><td>0</td><td>0</td></t<>	Creep gears		0	0	0	0
Max. ratios (F/R) 15/15 15/15 15/15 15/15 C version Synchronised reversing gear Mechanical gears 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 0 <t< td=""><td>Min. speed of creep gears at 2,200 rpm</td><td>km/h</td><td>0.54</td><td>0.54</td><td>0.54</td><td>0.54</td></t<>	Min. speed of creep gears at 2,200 rpm	km/h	0.54	0.54	0.54	0.54
Synchronised reversing gear S S S S S S S S S			15/15	15/15	15/15	15/15
Synchronised reversing gear S S S S S S S S S						
Mechanical gears						
Creep gears ○ <t< td=""><td>, , , , , , , , , , , , , , , , , , , ,</td><td></td><td></td><td></td><td></td><td></td></t<>	, , , , , , , , , , , , , , , , , , , ,					
Min. speed of creep gears at 2,200 rpm km/h 0.54 0.54 0.54 15/15 15/15 15/15 Synchronised reversing gear with mechanical reduction Mechanical gears 5 5 5 5 5 Creep gears 0 0 0 0 Min. speed of creep gears at 2,200 rpm km/h 0.44 0.44 0.44 0.44 0.44 Max. ratios (F/R) 30/30 30/30 30/30 30/30 30/30 PTO Clutch type depending on option						
Max. ratios (F/R) 15/15 15/15 15/15 15/15 Synchronised reversing gear with mechanical reduction 5 5 5 5 Mechanical gears 5 5 5 5 Creep gears 0 0 0 0 Min. speed of creep gears at 2,200 rpm km/h 0.44 0.44 0.44 0.44 Max. ratios (F/R) 30/30 30/30 30/30 30/30 30/30 30/30 PTO Clutch type depending on option Mechanically/hydraulically supported 540/1000 Mechanically/hydraulically supported 540/1000 0						
Synchronised reversing gear with mechanical reduction Mechanical gears 5 5 5 5 Creep gears 0 0 0 0 Min. speed of creep gears at 2,200 rpm km/h 0.44 0.44 0.44 0.44 Max. ratios (F/R) 30/30 30/30 30/30 30/30 30/30 30/30 PTO Clutch type depending on option Mechanically/hydraulically supported 540/1000 ■		km/h				
Mechanical gears 5 5 5 Creep gears ○ ○ ○ ○ Min. speed of creep gears at 2,200 rpm km/h 0.44 0.44 0.44 0.44 Max. ratios (F/R) 30/30 30/30 30/30 30/30 30/30 PTO Clutch type depending on option • • • • 540/1000 • • • • 540/540 EC0 • • • • 540/540E/1000 • • • • • Changeable PTO shaft stub • • • • • Number of splines 6 6 6 6 6 6 Front PTO shaft 1,000 rpm • • • • • • Road safety Braking system (multiple discs in oil bath and all-wheel auto activation) • • • •			15/15	15/15	15/15	15/15
Creep gears O O O O Min. speed of creep gears at 2,200 rpm km/h 0.44 0.44 0.44 0.44 Max. ratios (F/R) 30/30 30/30 30/30 30/30 30/30 PTO Clutch type depending on option Mechanically/hydraulically supported 540/1000 •						
Min. speed of creep gears at 2,200 rpm km/h 0.44 0.44 0.44 0.44 0.44 Max. ratios (F/R) 30/30 30/30 30/30 30/30 PTO Clutch type depending on option Mechanically/hydraulically supported 540/1000 • • • • • • • • • • • • • • • • • •					5	5
Max. ratios (F/R) 30/30 30/30 30/30 30/30 PTO Clutch type depending on option Mechanically/hydraulically supported 540/1000 •						
PTO Clutch type depending on option Mechanically/hydraulically supported 540/1000 • • • • 540/540 EC0 • • • • 540/540E/1000 • • • • Changeable PTO shaft stub • • • • Number of splines 6 6 6 6 Front PTO shaft 1,000 rpm • • • • Road safety Braking system (multiple discs in oil bath and all-wheel auto activation) • • • • Air brake system • • • • •		km/h				
Clutch type depending on option Mechanically/hydraulically supported 540/1000 ● ● ● ● 540/540 EC0 ○ ○ ○ ○ 540/540 E/1000 ○ ○ ○ ○ Changeable PTO shaft stub ● ● ● ● Number of splines 6 6 6 6 Front PTO shaft 1,000 rpm ● ● ● ● Road safety Braking system (multiple discs in oil bath and all-wheel auto activation) ● ● ● Air brake system ○ ○ ○ ○	Max. ratios (F/R)		30/30	30/30	30/30	30/30
Clutch type depending on option Mechanically/hydraulically supported 540/1000 ● ● ● ● 540/540 EC0 ○ ○ ○ ○ 540/540 E/1000 ○ ○ ○ ○ Changeable PTO shaft stub ● ● ● ● Number of splines 6 6 6 6 Front PTO shaft 1,000 rpm ● ● ● ● Road safety Braking system (multiple discs in oil bath and all-wheel auto activation) ● ● ● Air brake system ○ ○ ○ ○	DTO					
540/1000 ● ● ● ● 540/540 EC0 ○ ○ ○ ○ 540/540E/1000 ○ ○ ○ ○ Changeable PTO shaft stub ● ● ● ● Number of splines 6 6 6 6 Front PTO shaft 1,000 rpm ● ● ● Road safety Braking system (multiple discs in oil bath and all-wheel auto activation) ● ● ● Air brake system ○ ○ ○ ○				Machanically	/budraulically auppo	rtod
540/540 ECO ○ <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
540/540E/1000 ○						
Changeable PTO shaft stub ● </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Number of splines 6 6 6 6 Front PTO shaft 1,000 rpm ● ● ● ● Road safety Braking system (multiple discs in oil bath and all-wheel auto activation) ● ● ● ● Air brake system ○ ○ ○ ○ ○						
Front PTO shaft 1,000 rpm Road safety Braking system (multiple discs in oil bath and all-wheel auto activation) Air brake system O O O						
Road safety Braking system (multiple discs in oil bath and all-wheel auto activation) Air brake system O O O O						
Braking system (multiple discs in oil bath and all-wheel auto activation) Air brake system O O O	Front P1U shaft 1,000 rpm		•	•	•	•
Braking system (multiple discs in oil bath and all-wheel auto activation) Air brake system O O O	Road safety					
Air brake system O O O						
			•	•	•	•

ullet Standard \circ Optional ullet Available - Not available $^{-1}$ Compliant with ECE R 120 (approx.)

² Performance data fit criteria for admissibility. Performance as per 97/68/EC is identical to 2000/25/EC.



		340	330	320	310
All-wheel-drive front axle					
Electrohydraulic operation	/	•	•	•	•
Self-locking differential front/rear (self-locking multidisc clutch at front dog clutch at rear)	/	•	•	•	•
Max. steering angle	degrees	55	55	55	55
Castor angle	degrees	6	6	6	6
Compensation angle	degrees	10	10	10	10
Turning radius	m	4.4	4.3	4.3	4.3
Track	mm	1,885	1,755	1,755	1,755
with tyres		13.6 R 24	11.2 R 24	11.2 R 24	11.2 R 24
Hydraulic system					
Hydraulic oil flow for linkage and spool valves	I/min	60	60	60	60
Max. operating pressure	Bar	180	180	180	180
Number of spool valves (min./max.)		2/3	2/3	2/3	2/3
4-way control lever		0	0	0	0
Flow regulation			Dependina o	n equipment packaç	je
Control units with lock-up valve				n equipment packag	
Rear lifting arms			,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•
Max. lift capacity at ball ends (depending on equipment)	kg	5,100	4,200	4,200	3,300
Continuous lift capacity at 610 mm (depending on equipment)	kg	3,800	2,900	2.900	2,300
TRACTO CONTROL ELECTRONIC (TCE 9)		-,	Optional f	or CX version only	,
External operation for rear linkage		•	•	•	•
Lower and upper linkage with category 2 ball ends		_	•	•	•
Lower and upper linkage with category 2 coupling hooks		•	0	0	0
Lower and upper linkage with category 3/2 coupling hooks		0	0	_	-
Front lift linkage					
Front lift linkage		0	0	0	0
Max. lift capacity at ball ends	kg	2,800	2,800	2,800	2,800
Cab					
Low-profile roof		•	•	•	•
Platform		0	0	0	0
High-profile roof		0	0	0	0
Driver's seat, mechanically suspended		•	•	•	•
Driver's seat, air-suspended		0	0	0	0
Steering column, height and angle adjustable			Depending of	n equipment packag	ie
Heating		•	•	•	•
Air conditioning		0	0	0	0
Opening rear window		•	•	•	•
Opening front screen		0	0	0	0
Stereo radio with 2 loudspeakers		0	0	0	0
Rear window wipers		0	0	0	0
Max. number of work lights		4 front / 4 rear			
Weight (standard tyres, with oil and fuel, without driver)					
Rear wheels		16.9 R 38	16.9 R 34	16.9 R 34	16.9 R 30
		13.6 R 28	13.6 R 24	13.6 R 24	11.2 R 24
Front wheels		10.01120			
	kn	4 200	3 730	3 730	3 650
Weight without ballast	kg ka	4,200 4 922	3,730 4 352	3,730 4 152	3,650
Front wheels Weight without ballast Max. ballast weights ex factory Weight distribution with ballast (rear/front)	kg kg %	4,200 4,922 45/55	3,730 4,352 49/51	3,730 4,152 53/47	3,050 3,972 54/46

● Standard ○ Optional ■ Available — Not available

CLAAS continually develops its products to meet customer requirements. This means that all products are subject to change without notice. All descriptions and specifications in this brochure should be considered approximate and may include optional equipment that is not part of the standard specifications. This brochure is designed for worldwide use. Please refer to your nearest CLAAS dealer and their price list for local specification details. Some protective panels may have been removed for photographic purposes in order to present the function clearly. To avoid any risk of danger, never remove these protective panels yourself. In this respect, please refer to the relevant instructions in the operator's manual.

AXOS

		340	330	320	310
Dimensions (standard tyres)					
Rear wheels		16.9 R 38	16.9 R 34	16.9 R 34	16.9 R 30
Front wheels		13.6 R 28	13.6 R 24	13.6 R 24	11.2 R 24
Height with high-roof cab (a)	mm	2,710	2,660	2,660	2,610
Height with low-roof cab (b)	mm	2,561	2,511	2,511	2,461
Height with platform (roll bar extended/retracted) (b)	mm	2,706/2,050	2,656/2,000	2,656/2,000	2,606/1,950
Clearance between rear wheel centre point and roof (high-roof) (a)	mm	1,910	1,910	1,910	1,910
Clearance between rear wheel centre point and roof (low-roof) (a)	mm	1,761	1,761	1,761	1,761
Length					
Wheelbase (c)	mm	2,489	2,489	2,489	2,489
Overall length (without additional front weights) (d)	mm	4,181	4,181	4,181	4,181
Ground clearance					
Front axle (e)	mm	490	441	441	399
Rear axle (without swinging drawbar) (f)	mm	515	465	465	420

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Tyres						
Rear tyres	Front tyres					
16.9 R 30 (420/85 R 30)	11.2 R 24 (280/85 R 24)	_			0	
16.9 R 30 (420/85 R 30)	320/70 R 24	_			0	
480/70 R 30	11.2 R 24 (280/85 R 24)	_	0	0	0	
480/70 R 30	320/70 R 24	_	0	0	0	
540/65 R 30	11.2 R 24 (280/85 R 24)	_				
540/65 R 30	320/70 R 24	_	0	0	0	
16.9 R 34 (420/85 R 34)	13.6 R 24 (340/85 R 24)	_				
16.9 R 34 (420/85 R 34)	14.9 R 24 (380/85 R 24)		_	_	_	
480/70 R 34	380/70 R 24	_	0	0	0	
480/70 R 34	420/70 R 24		_	_	_	
540/65 R 34	440/65 R 24	_			0	
540/65 R 34	480/65 R 24		_	_	_	
16.9 R 34 (440/80 R 34)*	13.6 R 24 (360/80 R 24)*	_			0	
16.9 R 34 (440/80 R 34)*	14.9 R 24 (400/80 R 24)*		_	_	-	
12.4 R 36 (320/85 R 36)	11.2 R 24 (280/85 R 24)	_		•		
12.4 R 36 (320/85 R 36)	320/70 R 24	_			0	
13.6 R 36 (340/85 R 36)	12.4 R 24 (320/85 R 24)	_			0	
18.4 R 30 (460/85 R 30)	12.4 R 24 (320/85 R 24)	_				
18.4 R 34 (460/85 R 34)	14.9 R 24 (380/85 R 24)	_				
18.4 R 34 (460/85 R 34)	13.6 R 28 (340/85 R 28)		_	_	_	
520/70 R 34	420/70 R 24	_				
520/70 R 34	380/70 R 28		_	_	-	
600/65 R 34	480/65 R 24	_	0		0	
600/65 R 34	440/65 R 28		_	_	_	
13.6 R 38 (340/85 R 38)	13.6 R 24 (340/85 R 24)					
16.9 R 38 (420/85 R 38)	13.6 R 28 (340/85 R 28)		_	_	_	
540/65 R 38	440/65 R 28		_	_	_	

 $\bullet \ \, \text{Standard} \quad \circ \ \, \text{Optional} \quad \blacksquare \ \, \text{Available} \quad - \ \, \text{Not available} \quad \, ^\star \ \, \text{Tyres with industrial tread}$





