



## *Laser*

**Not only powerful and reliable, but also more comfortable than ever before.**

The SAME Laser Stage III A range includes four models, from 130 to 180 HP. Available with a cab or with a 4-pillar ROPS, they feature the Deutz TCD 2012 L06 2V 6-cylinder engine, with an electronically controlled Common Rail (DCR) system. The transmission is equipped with electro-hydraulic front wheel drive engagement and 100% differential lock. The transmission can optionally be increased up to 24+12 with the splitter. The hydraulic system has a pump capacity of 94 l/min (131 l/min as an option) while an additional 43 l/min pump controls the power steering. The rear lift has a capacity of 6850 kg (8600 kg as an option). The electrohydraulically controlled PTO is available in two combinations: 540/1000 or 540E/1000.

LASER:

130 | 145 | 165 | 180



**SAME**

		130	145	165	180
<b>ENGINE</b>					
Manufacturer		Deutz	Deutz	Deutz	Deutz
Model		TCD 2012 L06 2V	TCD 2012 L06 2V	TCD 2012 L06 2V	TCD 2012 L06 2V
Emissions		Stage III A	Stage III A	Stage III A	Stage III A
Internal EGR		●	●	●	●
Cylinder/Displacement	n°/cc	6/6057	6/6057	6/6057	6/6057
Turbo intercooler		●	●	●	●
Wastegate valve		●	●	●	●
Deutz Common Rail (DCR)	bar	1600	1600	1600	1600
Viscodynamic fan		○	○	○	○
Power at rated engine speed (ECE R120)	kW/HP	93/126	107/145	124/169	132/180
Max. power (ECE R120)	kW/HP	95/129	112/153	124/169	132/180
Maximum torque @ 1600rpm	Nm	491	582	680	688
Torque rise	%	27	31	33	25
Cyclone pre-cleaner with extension on cab post		●	●	●	●
Fuel tank capacity (standard)	litres	280	280	280	420
Additional tank capacity (optional)	litres	140	140	140	-
<b>TRANSMISSION</b>					
Manufacturer		SDF	SDF	SDF	SDF
Synchronized speeds x mechanical ranges	n°	4x3	4x3	4x3	4x3
Number of speeds	n°	12+12	12+12	12+12	12+12
Number of speeds with splitter	n°	24+12	24+12	24+12	24+12
Number of speeds with creeper/super creeper	n°	16+12	16+12	16+12	16+12
Maximum speed	km/h	40	40	40	40
Minimum speed with supercreeper gear	km/h	0.19	0.19	0.20	0.20
Synchronized shuttle		●	●	●	●
Hydrostatically operated clutch		●	●	●	●
<b>PTO</b>					
PTO 540/1000		●	●	●	●
PTO 540ECO/1000		○	○	○	○
Electrohydraulically operated		●	●	●	●
External PTO clutch		●	●	●	●
<b>AXLES AND BRAKES</b>					
Limited slip diff. lock		●	●	●	●
Front axle with 100% diff. lock		○	○	○	○
Electrohydraulically operated differential lock		●	●	●	●
Four-wheel braking system with automatic 4WD engagement		●	●	●	●
Hydraulic trailer braking valve		○	○	○	○
Hydrostatic steering with independent pump		●	●	●	●
Steering angle	degree	55°	55°	55°	55°
<b>HYDRAULIC SYSTEM</b>					
Fixed displacement pump (standard)	l/min	94	94	94	94
Fixed displacement double pump (optional)	l/min	131	131	131	131
Auxiliary rear mechanical distributors (standard)	n°	2	2	2	2
Auxiliary rear mechanical distributors (optional)	n°	3/4	3/4	3/4	3/4
Flow regulator		○	○	○	○
<b>REAR LIFT</b>					
Mechanically controlled rear lift		●	●	●	●
Rear lift capacity (standard)	kg	6850	6850	6850	6850
Rear lift capacity, two external cylinders 50 mm (optional)	kg	8600	8600	8600	8600
Transport version - without rear lift		○	○	○	○
<b>DRIVING POSITION</b>					
6-post cab		○	○	○	○
4-post safety frame with sun canopy (open station)		○	○	○	○
Air conditioning (only cab)		●	●	●	●
Ventilation and heating (only cab)		●	●	●	●
Passenger seat		○	○	○	○
Digital dashboard		●	●	●	●
Silent-Block suspension		●	●	●	●
Halogen work lights		●	●	●	●
LED work lights		○	○	○	○
<b>DIMENSIONS AND WEIGHTS</b>					
With front tyres	mm	420/85 R28"	420/85 R28"	420/85 R30"	420/85 R30"
With rear tyres	mm	460/85 R38"	460/85 R38"	520/85 R38"	520/85 R38"
Wheelbase	mm	2820	2820	2820	2820
Length (min.-max.)	mm	4702-5782	4702-5782	4702-5782	4702-5782
Height (min.-max.)	mm	2895-3005	2895-3005	2945-3056	2945-3056
Width (min.-max.)	mm	2238-2402	2238-2402	2314-2438	2314-2438
Ground clearance (min.-max.)	mm	450-490	450-490	493-525	493-525
Total unladen weight (min.-max.)	kg	5188-5800	5188-5800	5613-6335	5613-6335
Maximum permissible total weight	kg	9400	9400	10000	10000

- STD
- OPT
- Not available

Dealer

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SAME is a brand of  SDF

