

Test results: The DLG measurements



	John Deere	Fendt	Valtra	Claas	Massey Ferguson	Average	Deutz-Fahr
Model	6120R AutoPowr	312 Vario Profi	N134 Versu	Arion 440 CIS	5713 SL Dyna-6	Tier 4f	6140.4 TTV
Engine manufacturer	JD Power	Agco Power	Agco Power	FPT	Agco Power	–	Deutz AG
Engine capacity (cc)	4,525	4,397	4,910	4,485	4,397	–	4,037
PTO POWER WITHOUT BOOST							
Rated speed (rpm)	2,100	2,100	2,100	2,200	2,200	2,140	2,100
Power at rated rpm (hp)	98	109	109	103	107	105	boost always active
Specific consumption diesel/AdBlue (g/kWh)	283/9	251/15	279/20	254/20	270/21	267/17	–
Max power (hp)	111	121	122	113	118	117	–
Engine rpm at max power (rpm)	1,900	1,700	1,800	1,900	2,000	1,860	–
Specific consumption diesel/AdBlue (g/kWh)	260/9	226/22	247/21	231/19	256/19	244/18	–
Average diesel/AdBlue consumption over six points (g/kWh)	308/10	258/13	280/19	261/21	273/20	276/17	–
Max torque (Nm)	480.4	530.3	512.3	506.5	509.8	507.8	–
PTO POWER WITH BOOST							
Power at rated rpm (hp)	118	no boost	120.0	no boost	no boost	119	122.0
Specific consumption diesel/AdBlue (g/kWh)	272/8	–	270/19	–	–	271/14	260/22
Max power (hp)	123	–	130	–	–	127	130
Engine rpm at max power (rpm)	1,900	–	1,800	–	–	1,850	1,700
Specific consumption diesel/AdBlue (g/kWh)	257/8	–	248/21	–	–	253/15	241/26
Average consumption diesel/AdBlue (g/kWh)	287/11	–	276/21	–	–	281/16	262/28
Max torque	496	–	550	–	–	522.7	579
HYDRAULICS							
Separate hydraulic/transmission oil tanks (yes/no)	no	yes	yes	no	no		yes
Removable oil* (litres)	15	43	47	25	24	–	40
Additional oil* (litres)	17	–	–	–	25	–	–
Total oil* (litres/min)	32	43	47	25	49	42	40
Max oil flow at one valve (litres/min)	121	100	100	106	103	106	101
Max hydraulic power (hp)	46	40	75	38	35	47	48
Max oil pressure (bar)	204.8	193.5	204.8	181.0	187.2	194.3	201.9
Linkage lift (kg)	5,271	5,231	6,691	4,975	4,889	5,411	5,165
Linkage travel (mm)	761	724	726	675	615	700	728
DIMENSIONS, WEIGHTS AND TURNING CIRCLES							
Length x width (loader folded away) (m)	4.67x2.35	4.35x2.42	4.75x2.56	4.57x2.51	4.50x2.32	4.57x2.43	4.43x2.42
Height (m)	2.92	2.88	2.98	2.83	2.94	2.91	2.94
Cab length x width (cm)	155x170	152x159	158x155	153x157	157x146		146x151
Total weight (with loader) (kg)	7,500	6,490	7,425	6,720	6,480	6,923	6,975
Permissible front axle load* (kg)	4,780	4,500	5,000	3,800	3,500	4,316	4,000
Permissible rear axle load* (kg)	7,270	7,000	8,000	6,900	6,200	7,074	6,600
Permissible total load* (kg)	9,950	8,500	11,000	8,500	8,500	9,290	9,000
Payload (kg)	2,450	2,010	3,575	1,780	2,020	2,367	2,025
Turning circle (m)	11.88	10.20	10.38	11.15	10.90	10.90	11.63
Wheelbase* (mm)	2,580	2,420	2,665	2,520	2,550	2,554	2,420

* Manufacturer's data

