








MODELS COMPARED										
										
		CASE-IH FARMALL 95U PRO	DEUTZ- FAHR 5100C	JOHN DEERE 6090RC	KUBOTA M9960		MCCORMICK X5.30	NEW HOLLAND T 5.95	VALTRA N93	TOTAL TEST AVERAGE
Engine make		FPT	Deutz	John Deere	Kubota		Perkins	FPT	Sisu	
Rated max power	hp	99	95	100	106		102	99	95	99
Engine capacity	litres	3.4	3.6	4.5	3.8		3.4	3.4	3.3	3.6
Transmission	forwards/reverse	32/32	30/30	24/24	36/36		36/12	24/24	20/20	
Powershifts		4	3	4	2		3	2	5	
TEST RESULTS (pto power and fuel consumption with boost where available. Figures in brackets show results without boost)										
Max power	hp	89	85	91 (82)	90		91 (88)	89	90	89
Engine speed at max power	rpm	1,849	1,774	1,865	2,379		1,920	1,912	1,865	1,938
Consumption at max power	g/kWh	261	270	266 (275)	293		260 (257)	256	296	272
Most efficient consumption	g/kWh	247	251	255 (255)	279		242 (242)	245	283	257
Engine speed at most efficient consumption	rpm	1,571	1,378	1,178 (1,275)	1,934		1,151 (1,436)	1,336	1,077	1,375
Power at most efficient consumption	hp	84	68	60 (64)	82		59 (75)	69	60	69
Average consumption across five different engine speeds	g/kWh	270	282	287	346		267	272	313	291
FUEL CONSUMPTION DURING EVERYDAY FARMWORK										
At 70hp (high performance)	litres/hour	15.2	15.9	16.2	17.7		15.3	15.8	17.9	16.3
At 35hp and high engine rpm	litres/hour	9.1	9.7	10.1	12.8		9	9.3	10.9	10.1
At 35hp and half throttle	litres/hour	8.4	8.6	8.8	11.8		8.1	8.2	9.6	9.1
At 52hp and half throttle	litres/hour	11.1	11.7	11.9	14.3		11	11.3	12.6	12
Ploughing (70% heavy, 30% light work)	litres/hour	13.1	13.7	14	15.9		13.2	13.5	15.4	14.1
High speed transport (60% heavy, 40% light work)	litres/hour	12.7	13.4	13.7	15.7		12.8	13.2	15.1	13.8
Noise at max speed	dB	73.6	73.3	71.3	76.9		71.7	72.4	68.1	72.5
Noise with pto running	dB	75.4	76	73.1	81.8		74.1	74.9	72.4	75.4
Pto speeds	rpm	540/540e/1,000/1,000e	540/540e/1,000/1,000e	540/1,000	540/540e		540/540e/1,000	540/540e/1,000	540/1,000	
HYDRAULICS										
Max oil flow	litres/min	65	60	97	69		66	84	93	76
Pressure in tank return	bar	12	12	27	14		21	20	32	20
Max oil pressure	bar	178	200	203	201		180	185	200	192
Max removable oil	litres	33	20	15 (25)	20		25	26	35	25
Number of spools		2	3	2	3		2	2	2	
Lift capacity with link arms at bottom/middle/top positions	t	4.3/4.6/4.7	3.9/4.7/5.3	3.8/5.1/5.4	4.6/4.5/4.2		4.3/4.9/5.1	5.0/4.8/4.4	5.3/5.3/5.1	4.5/4.8/4.9
Average lift capacity	t	4.6	4.6	4.8	4.4		4.7	4.8	5.2	4.7
Max link-arm travel	cm	72	67	62	59		73	63	66	66
WEIGHT AND DIMENSIONS										
Total weight with loader	kg	5,340	5,200	5,750	4,050		4,980	5,200	5,640	5,166
Weight of loader	kg	480	470	610	520		620	470	580	536
Weight of tractor	kg	4,860	4,730	5,140	3,530		4,360	4,730	5,060	4,630
Permissible front axle load	kg	3,300	3,000	3,700	3,000		3,300	3,300	3,100	3,200
Permissible rear axle load	kg	5,000	5,000	6,000	5,460		4,500	4,600	6,000	5,223
Total permissible weight	kg	7,500	7,500	7,900	6,800		7,500	7,400	8,000	7,486
Payload	kg	2,640	2,770	2,760	3,270		3,140	2,670	2,940	2,884
Tractor length x width x height	cm	417x235x268	429x225x278	428x228x278	400x212x263		422x211x262	418x221x270	438x224x282	422x222x271
Ground clearance		40	44	45	44		43	43	42	43
Length x width of cab	cm	145x148	145x142	138x147	139x128		147x146	146x148	163x139	146x143
Wheelbase	cm	242	237	240	225		232	235	252	238
Turning circle	m	10.6	10.6	10.5	8.8		10.8	10	10.2	10.2
Tyre brand		Continental	Trelleborg	Firestone	Kleber		Michelin	Trelleborg	Continental	
Tyre size – front		480/65 R24	380/70 R28	380/85 R24	360/70 R24		440/65 R24	420/70 R24	380/85 R24	
Tyre size – rear		540/65 R38	480/70 R38	460/85 R38	480/70 R34		540/65 R34	520/70 R34	460/85 R34	
FRONT LOADER										
Loader maker		Stoll	Stoll	John Deere	Kubota		Manip	Stoll	Alo	
Average lift power	kg	1,787	1,813	2,030	1,373		1,810	2,027	1,777	1,802
Lift height	cm	381.5	375	376	368		377	381	362	374.5
Time to lift/drop at 1,500rpm	sec	7.06/4.95	8.09/5.66	5.03/3.57	8.16/5.97		6.93/6.35	6.35/4.48	4.71/3.58	6.62/4.94