

SPECIFICATIONS

	M724(i)	M732(i)	M740(i)
Nominal tank volume, l	2400	3200	4000
Real tank volume, l	2550	3360	4200
Rinse tank, l	400	400	400
Hand wash tank, l	20	20	20
12 volt 3-pole power supply (Cobo Connector)		base	
ISO-BUS (9 pole Deutsch Connector)		option	
Sprayer Control with multi-functional lever (Joystick)		option	
Implement display 1100		base	
John Deere 4240 Universal Display		option	
John Deere 4640 Universal Display		option	
GNSS automatic section control		option	
Sprayer pump type		Self priming piston diaphragm pump	
Pump capacity		280 l/min	
PTO pump drive (Walterscheid wide angle PTO shaft)		base	
Hydraulic pump drive		option	
Spray pressure min – max, bar		1-10 bar	
Ground Clearance under axle, cm*		65-75	
Polyurethane double linked axle suspension		option	
Track width availability, cm*		150-225	
Fixed drawbar upper or lower linkage		base	
Steering drawbar upper or lower linkage		option	
John Deere TerrainControl™ Pro automatic boom tilt and height control with headland management		option	
John Deere TerrainCommand™ Pro automatic boom tilt, height and Variable Geometry control with headland management		option	
Working lights (halogen or LED)		option	
SOLUTION SYSTEM			
Manual operated valves		base	
Multi cycle dilution system (Auto Dilute) including digital tank level sensor		option	
Horn audible alarm for tank filling		option	
Filling Injector		option	
Clothing locker		option	
60 litre closed chemical storage box with lock		option	
Transfer valve 2" to pump liquid back to storage		option	
Digital tank level sensor with detailed readout in display		option	
External pump filling connection 2", (hydrant)		option	
2" Quick fill connector for rinse water tank		option	
Electric agitation automatic on /off based on tank level, (free programmable)		option	
Spray rate control selection pressure-flow sensor or both		option	
I-features (default valve position, anticipation, cross-check, low flow detection automatic flow-pressure selection)		option	
Chemical inductor hopper capacity, 55 L		option	
Spraygun at chemical inductor hopper		option	
Rinsing head in filling opening***		option	
9 m 2" filling hose/ with or without transport bracket		option	
Self cleaning pressure filter		option	
Brush with hose reel		option	
SPRAY BOOM AND HYDRAULICS			
Boom height range, cm**		48-224	
Spray boom material		steel	
Ball and socket bearings in swivel points with grease points		base	
Stainless steel spray lines with quick-connect couplings		base	
3 directional boom breakaway protection		base	
Z-bar parallelogram, hydraulic height adjustment with a nitrogen pressure accumulator suspension and hydraulic transport lock		base	
Centre frame with vertical and horizontal boom suspension and pendulum lock (anti yaw)		base	
Centre frame with independent vertical and horizontal boom suspension and pendulum lock (push rod anti yaw system) Boom suspension kit for spraying hilly fields		option	

*Depending on track width and selected tyres

**Based on tyre size 420/85R 38

***Certain countries only

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SPRAY BOOM AND HYDRAULICS			
Boom gauging device prevents boom tip grounding		option	
End stroke dampening in hydraulic boom folding cylinders between spray boom segments		base	
Selective control valve, hydraulic operation for sprayboom, folding, height and tilt		option	
Hydraulic selector, operation for sprayboom, folding, height and tilt		option	
Electro-hydraulic control for sprayboom, folding, height and tilt adjustment with auto centre function, boom tilt positioning indicator in display actual or pre-set position, (optional variable geometry and/or steering drawbar only with electro hydraulic control)		option	
Load sense hydraulics			
Hydraulic oil filter (only with electro hydraulic control)		option	
Multiple nozzle holder 5 way		base	
Off centre nozzle		option	
Edge™ nozzle manual or electric operation		option	
Standard spray system, boom sections located in centre frame		base	
Ringline circulation spray system, liquid circulation section valves located accros spray boom		option	
Pressure circulation spray system, chemicals are always circulated right up to the nozzles		option	
Section Control, automatically controlled sections, max. 15 sections		option	
Individual Nozzle Control, automatically controlled nozzles, free programmable layout up to 15 sections, remote control with keyfob, spot spraying application possible		option	

TYRE SIZES*	M724(i)	M732(i)	M740(i)
Tyres mounted on fully welded rims factory choice tyres are mounted		available	
230/95R48 (136A8/136B), 10 bolts		available	
270/95R48 (14 4A8/140B), 10 bolts		available	
300/95R46 (148A8/14 4B), 10 bolts		available	
340/85R48 (152A8/152B), 10 bolts		available	
420/85R38 (14 4A8/141B), 10 bolts		available	
480/70R38 (145A8/142B), 10 bolts		available	
520/70R38 (150A8/147B), 10 bolts		available	
520/85R38 (155A8/152B), 10 bolts		available	

*Select table tyre size is depending on machine type and axle load.

WEIGHTS*	M724(i)	M732(i)	M740(i)
Total weight empty, kg	3310	3340	3380
Total weight full, kg	6130	6960	7800

*All weights are approximate with base equipment 300/95R46 tyres, 24 m boom.

MEASUREMENTS IN CM	SPRAY BOOM (MAX./MIN. WORKING WIDTH)	A	B	C	D	E
DOUBLE-FOLDING BOOM						
All M700(i) Models	18 / 12 m	555	258*	198	324	255
	20 / 12 m	555	258*	198	324	255
	21 / 12 m	555	258*	198	324	255
	24 / 12 m	610	258*	246	324	255
	27 / 14 m	646	258*	246	350-400**	255
	28 / 14 m	696	258*	246	350-400**	255
TRIPLE-FOLDING BOOM						
All M700(i) Models	24 / 18 m	456	258*	198	318	300
	27 / 18 m	456	258*	198	318	300
	27 / 21 m	550	258*	292	318	300
	28 / 20 m	510	258*	243	318	300
	30 / 21 m	550	258*	292	318	300

*For each adaptor bushing add 5 cm to a maximum of 10 cm (two adaptor bushings).

**Depends on setting.

Note: Dimensions depend on tire size and track width.
All Measurements are with 270/95R48 tires and 1.80 m track.

