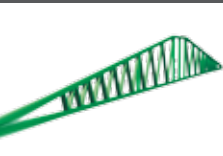
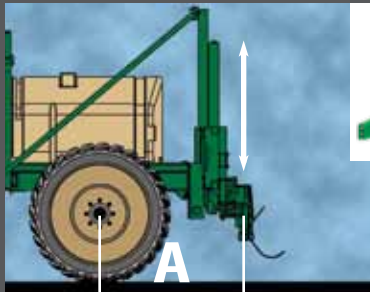


SPRAYER MODELS AVAILABLE

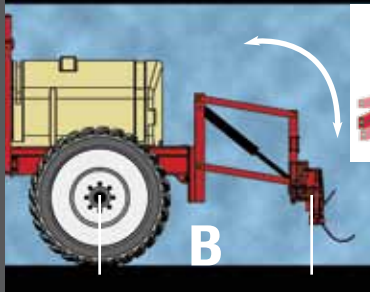


MODEL INFO	3-POINT MOUNTED (pg 8-9)		650 GALLON PULL-TYPE (pg 10-11)	1000 GALLON PULL-TYPE (pg 12-13)		
MODELS	CF500/CF600	3P300	TSF-660	TSF-1060	TSF-1080	TSF-1090
BOOM WIDTH	50', 60'	50' with CF500, 60' CF600	60'	60'	60'/80'	60'/90'
NOZZLE SPACING	20" or 30"	20" or 30"	20" or 30"	20" or 30"	20" or 30"	20" or 30"
WHEELS & TIRES	N/A	N/A	320/85R38	320/85R38 (14.9 R46 opt)	320/85R38 (14.9 R46 opt)	320/85R38 (14.9 R46 opt)
WHEEL SPACING	N/A	N/A	60" to 120"	80" to 120"	80" to 120"	80" to 120"
PUMP	N/A	Ace HYD./PTO	Ace High Volume Hyd.	Ace Hydraulic/PTO	Ace Hydraulic/PTO	Ace Hydraulic/PTO
DIMENSIONS						
HEIGHT (transport)	varies depending on tractor	varies depending on tractor	12' 3"	13'	13'	13'
WIDTH (transport)	12' 4"	12' 4" w/boom	108" (wheels in) 135" (wheels out)	12'	12'	12'
LENGTH	N/A	N/A	19' 10"	22' 5"	22' 5"	22' 5"
GROUND CLEARANCE	N/A	N/A	28"	28"	28"	28"
CAPACITIES						
SPRAYER CAPACITY	N/A	300 gallons	650 gallons	1000 gallon	1000 gallon	1000 gallon
PUMP CAPACITY	N/A	90 GPM @30 PSI	90 GPM @30 PSI	90 GPM @30 PSI	90 GPM @30 PSI	90 GPM @30 PSI
FLUSH & RINSE	N/A	N/A	50 gallon	100 gallon	100 gallon	100 gallon
FOAM MARKER	N/A	25 gallon (optional)	25 gallon (optional)	25 gallon (optional)	25 gallon (optional)	25 gallon (optional)

BOOM DESIGN



Great Plains Hydraulic Elevator



Competitive Parallel Linkage

HYDRAULIC ELEVATOR VS PARALLEL ARMS

Great Plains utilizes a spring cushioned hydraulic elevator to raise and lower our spray boom. This type of lift mechanism minimizes the distance between the trailer tires and the boom ("A"). Many competitive machines use a Parallel Linkage system which increases the distance the boom is away from the trailer tires ("B"). The further the boom is away from the rear tires the more contour changes and sloshing liquid effect boom stability.

Great Plains hydraulic elevator systems hold booms tighter, eliminating the excessive movement associated with parallel linkage, which also adds to greater boom stability and increased accuracy.



With Boom Locks



Without Boom Locks

AUTOMATIC BOOM LOCKS - All Great Plains booms have automatic boom locks that engage when either side is raised to clear obstacles or when the boom fold sequence is started. Boom locks make the boom rigid so weight is not transferred to the other end of the boom.



Great Plains

BOOM SUSPENSION - Great Plains booms feature spring over shock design that provide suspension and unmatched boom stability.



Great Plains

BOOM CONSTRUCTION - Great Plains booms utilize 2 bottom tubes with bracing welded between the tubes, not on the top or bottom of the tubes.



Competition

Competitive spring/spring design uses two sets of springs which gives suspension, but little stability.



Competition

Many competitive booms weld across the top of one main tube concentrating stress, and effectively weakening the boom.