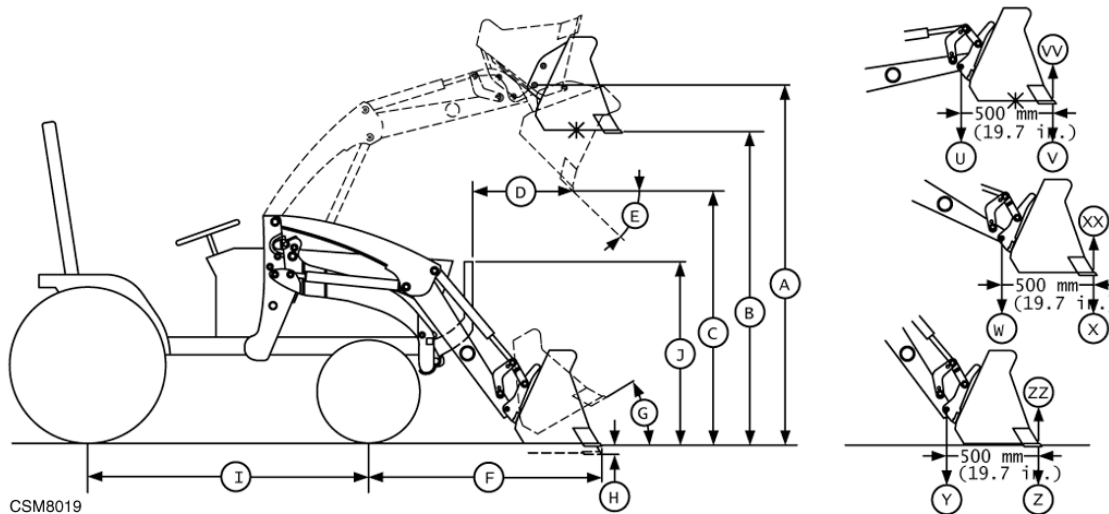


Improved durability in the loader boom structure means longer life under more severe working conditions. The front loader boom sections incorporate heavier-gauge steel (6 mm vs. 4.5 mm) and have several more support gussets than the 400X Loader front boom section. The cylinder pins in key areas on the 400CX Loader are made with higher-tensile-strength steel and utilize hardening processes to ensure longer pin life as compared to the 400X Loader. Both the 400X and 400CX Loader booms are robotically welded, but the weld operation incorporates several more welds on the 400CX Loader in key areas such as around bushings to provide longer life. Also standard on the 400CX Loader is line protection over the torque tube.

Improved specifications are provided to meet the needs of those customers with more demanding requirements. A mechanical self-leveling loader will provide 25-30% more lift capacity than a non-self-leveling loader measured at the forward position (500 mm ahead of the pivot pin) because of the mechanical advantage provided. This really means improved productivity because the operator can lift heavier loads.



Loader Specifications	400X	400CX
Bucket Angles degrees		
Max. dump angle (E)	46	45
Max. dump angle at ground	130	87
Max. rollback angle (G)	32	43
Rollback angle at full height (SAE)	117	43
Lift Capacity lb. (kg)		
To max. height at pivot pin (U)	2346 (1064)	2383 (1081)
To max. height (V)	1720 (780)	2571 (1166)
To 1.5 m (59-in.) at pivot pin (W)	2701 (1225)	2696 (1223)
To 1.5 m (59-in.) (X)	2154 (977)	2639 (1197)
Breakout Force lb.-f. (N)		
At pivot pin (Y)	3453 (15360)	3435 (15280)
At 500 mm forward (Z)	2606 (11590)	3055 (13590)
Bucket Rollback Force lb.-f. (N)		
At ground level line (ZZ)	3289 (14630)	4638 (20630)