



XR 1045 Floor Loading

EVW	27,130 lbs
Max Payload	10,000 lbs
Tire Contact Area	175.9 sq in
Occupied Floor Area	12,120 sq in
Occupied Floor Pressure	3.0 lbs/sq in
Maximum Tire Load-rear	5,505 lbs
Contact Pressure	32.3 lbs/sq in
Rear Axle Load	11,010 lbs
Maximum Tire Load-front ³	12,905 lbs
Contact Pressure	73.4 lbs/sq in
Front Axle Load	25,810 lbs

Definitions:

1. Occupied Floor Area=(Wheel Base+Tire Ground Contact Length) X Machine Width
2. Occupied Floor Pressure= (EVW+ Max Payload)/Occupied Floor Area
3. Maximum Tire load=actual measured load
4. Contact Pressure=Load/Area

Date: 10 May 2011