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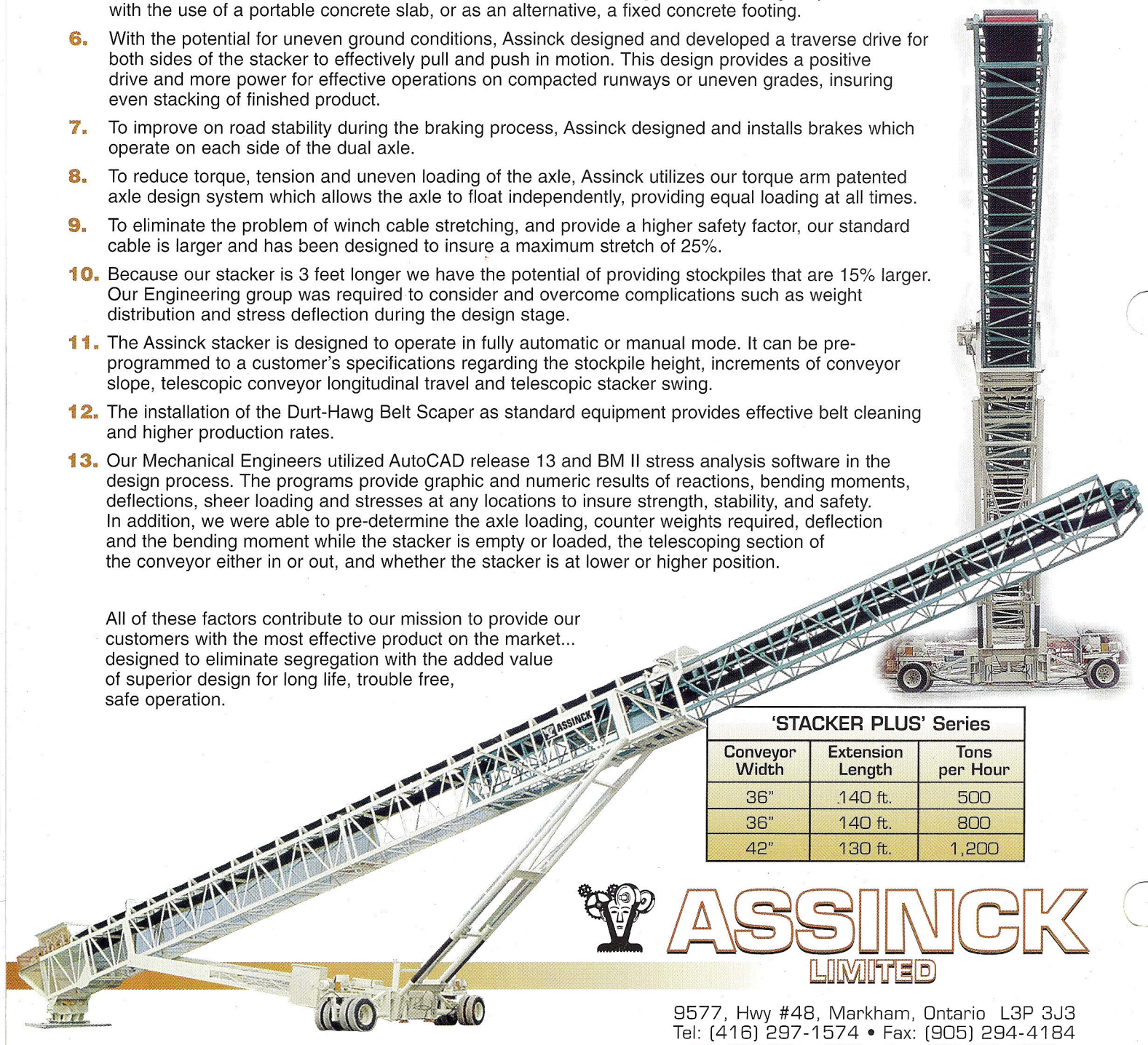
THE ASSINCK STACKER PLUS

1. Self aligning, heavy duty, 3" hydraulic jacks insures the stacker safely adjusts to operating ground conditions.
2. To eliminate potential front tower failure, a heavy-duty truss with a higher moment of inertia was designed utilizing 3/8" thick angle.
3. To balance and eliminate potential distortion of the front tower during the raise and lower movement, twin hydraulic cylinders are included as a standard feature.
4. Excessive truss deflection can create loads that severely restrict movement of the telescoping section. With the assistance of a stress analysis program, Assinck stackers operate with a maximum deflection of less than 2 inches over 130 feet. A heavy-duty winch, designed to compensate for any friction at full load and operate at a slope of 18 degrees is a standard feature.
5. Lifting and wandering at the feed end was eliminated by increasing the counterweight by over 30% with the use of a portable concrete slab, or as an alternative, a fixed concrete footing.
6. With the potential for uneven ground conditions, Assinck designed and developed a traverse drive for both sides of the stacker to effectively pull and push in motion. This design provides a positive drive and more power for effective operations on compacted runways or uneven grades, insuring even stacking of finished product.
7. To improve on road stability during the braking process, Assinck designed and installs brakes which operate on each side of the dual axle.
8. To reduce torque, tension and uneven loading of the axle, Assinck utilizes our torque arm patented axle design system which allows the axle to float independently, providing equal loading at all times.
9. To eliminate the problem of winch cable stretching, and provide a higher safety factor, our standard cable is larger and has been designed to insure a maximum stretch of 25%.
10. Because our stacker is 3 feet longer we have the potential of providing stockpiles that are 15% larger. Our Engineering group was required to consider and overcome complications such as weight distribution and stress deflection during the design stage.
11. The Assinck stacker is designed to operate in fully automatic or manual mode. It can be pre-programmed to a customer's specifications regarding the stockpile height, increments of conveyor slope, telescopic conveyor longitudinal travel and telescopic stacker swing.
12. The installation of the Durt-Hawg Belt Scaper as standard equipment provides effective belt cleaning and higher production rates.
13. Our Mechanical Engineers utilized AutoCAD release 13 and BM II stress analysis software in the design process. The programs provide graphic and numeric results of reactions, bending moments, deflections, sheer loading and stresses at any locations to insure strength, stability, and safety. In addition, we were able to pre-determine the axle loading, counter weights required, deflection and the bending moment while the stacker is empty or loaded, the telescoping section of the conveyor either in or out, and whether the stacker is at lower or higher position.

All of these factors contribute to our mission to provide our customers with the most effective product on the market... designed to eliminate segregation with the added value of superior design for long life, trouble free, safe operation.



'STACKER PLUS' Series		
Conveyor Width	Extension Length	Tons per Hour
36"	140 ft.	500
36"	140 ft.	800
42"	130 ft.	1,200

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