

**AGSE***IPS Aviation Technology*

Ref: IPS-AGSE/MGT1

16 August 2010

**Easyroll Technology Composite Nylon Rollers**

IPS AGSE is based in Singapore with regional offices located in Malaysia, China, Australia and Japan. We design and manufacture airport and engineering GSE as well as being a major distributor of specialized aviation equipment. Our clients included international airlines SIA, Qantas, Jetstar, Air New Zealand, and service providers SATS, CIAS and Swissport.

IPS AGSE is a key partner of Easyroll Technology (Hong Kong) Limited in serving the Australasia market. Recent projects include fabrication of T6 aluminum passenger stairs for A320/737 operations and replacement components for JBT loaders. One of the replacement components is the patent pending composite nylon rollers, which is a cost saving product for the JBT Heli-rollers.

Insofar as operational and cost benefits the composite nylon rollers have 5 major improvements over the conventional aluminum Heli-roller as follows.

1. *50% lighter in weight* - This requires less power from drive chains and offers a lighter platform, resulting in much reduction in hydraulic system maintenance and fuel consumption.
2. *Quieter operation* – This is an important environmental improvement for the operators.
3. *Longer service life from improved durability* – Proven wear ability that translates into manpower savings and capital cost.
4. *Skid proof in wet condition from the non metal to metal contact* – Improve both ramp safety from less ULD manual handling and on time departures.
5. *Does not generate hazardous metal dust* – Metal to metal rubbing contacts generate hazardous fine metal dust, which may be harmful to the operators.

IPS AGSE highly recommends our clients to use the Easyroll composite nylon rollers.

Yours sincerely

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