



Micro groove roll as critical technology

Main Services

Designing and manufacturing of WEB transportation system facilities and its parts, roll surface processing, consulting of improvement a situation of creases and winding of WEB transportation line etc.

Main Clients

Manufacturers of domestic film making facilities, domestic and foreign film making and secondly processing

Main Products

Various micro groove rolls, consultant of film making facilities

Company overview

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Foundation / Jul 1984 Establishment / Jul 1984

Capital / JPY 10 million Employees / 16

Designing and manufacturing of film production facilities

Developing facilities to enhance to add value to film manufacturing

MGR

Improve grip performance with fine grooving

MGR designs grooves to match with production condition of their clients' demands. They also consider films' physical property and prevent idol running by maintaining frictional force though rolls revolve at high speed by grooving on the surface of rolls with the width without transcription of grooves. With standard MGR specification, behave extremely well at 100 times of gripping of

patented roll, and improvement of productivity is expected by replacing roll, which causes reduction of the transportability and the products' quality in layout of equipment, to MGR. There is a result to increase the production speed of slitter to 3.5 times faster by just replacing rolls, thus, development requirement for special equipment to create added-value for manufacturing process of future generation films such lithium-ion batteries and separator for solid-state battery is also increasing.