

## Autoset Application: Levelers in Hot strip mill



Lianyuan steel has equipped their 2 SMS levelers in the cutting line of the hot strip mill with Autoset couplings. The 155 m long cutting line have a strip width of 2250 mm and run with a strip speed of 40m/min.

The Autoset slip and release coupling offers two function. Primary function is to make micro slippages during the leveling process to reduce high torque peaks. Secondary function is to release and thereby protecting the complete driveline in a blockage situation.

### Customer benefit

- Torque limitation function protect from failure in driveline causing costly downtime in the cutting line
- Longer life for universal joint shafts since the high torque peaks during normal leveling operation are reduced.
- Improved torque distribution between universal joint shafts optimises the operation of the leveler
- No risk of slippage between rolls and strip that can cause slipping marks on the strip and wear of the rolls.

### Customer

Lianyuan Steel in Valin group.

### OEM

China.



Typical cutting line including levelling equipment

### Solution

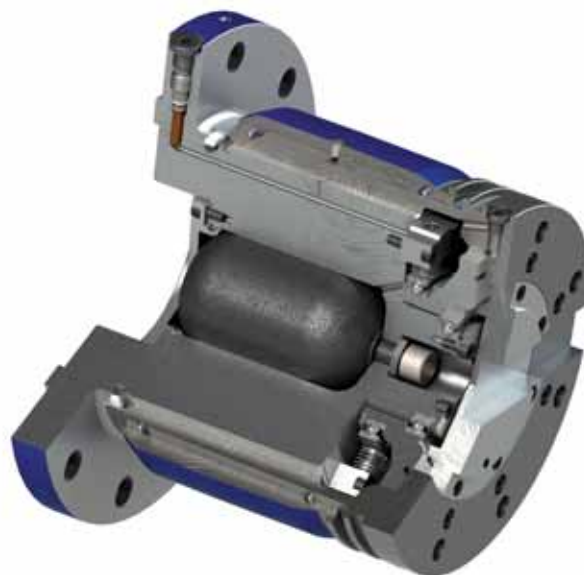
1 pcs 7 roll levelers in cutting line of hot strip mill fully equipped with 7 pcs SAP 190.

1 pcs 11 roll levelers in cutting line of hot strip mill fully equipped with 11 pcs SAP 190.

### Technical specification Autoset SAP 190

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Torque range	18 to 36 kNm
Speed range	69 rpm
Weight	68,7 kg



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