

10 Ways to Reduce Energy Consumption on Your Existing IMM



		Savings kWh/kg
#1	Upgrade to a new energy efficient injection unit & drive system	0,3 - 0,4
#2	Upgrade to electric plasticizing & upgraded hydraulics	0,3
#3	Upgrade to electric opening & closing	0,2 - 0,3
#4	Reduce excess motor and pump capacity	Cycle dependent
#5	Upgrade to a frequency converter on the main motor to reduce idle losses	Cycle dependent
#6	Cosinus phi optimisation to increase grid capacity	1%
#7	Add Barrel isolation blankets to reduce heat losses	0,02
#8	Upgrade to new energy efficient pump control (Standard since 2016)	3%
#9	Upgrade software for automatic accumulator pressure reduction (Std. since 2005)	5% /10 bar
#10	Optimizing machine settings	0 – 20%

Values are indicative, no rights can be derived from this publication. Savings are based on the maximum savings at the maximum output of the machine.

Stork IMM > 25% Higher Energy Efficiency



- ✓ Most efficient energy transmission electric – mechanic
- ✓ Best-in-class drive concept
- ✓ Full recovery of clamp braking energy into the grid
- ✓ Lowest overall resistance in drive system
- ✓ Overall system energy consumption constantly adapted to meet real time demands

*Buy a Stork IMM to save
the maximum on energy*