



Cross Superior Grain Crimpers and Mills

With capacities from 1.5 tonnes to 60 tonnes per hour crimping
(4 tonnes to 40 tonnes per hour dry rolling)



Crimper and Mills Specifications

Model	SM3000	SM6000	SM9000	SH10000	SH10000CS
Output Crimping	1.5 tonnes per hour	12 tonnes/hour	20 tonnes/hour	30 tonnes/hour	30 tonnes/hour
Output Dry Rolling	4 tonnes per hour	6 tonnes/hour	10 tonnes/hour	16 tonnes/hour	16 tonnes/hour
Power requirement	35hp	60hp	80hp	100hp	110hp
Hopper size & capacity	2500mm x 1150mm 1 tonne	3050mm x 1140mm 1.5 tonnes	3050mm x 1380mm 2 tonnes	3000mm x 2500mm 2.5 tonnes	3800mm x 2500mm 3 tonnes
Roller Dimensions Length x Diameter	460mm x 267mm	700mm x 300mm	1000mm x 300mm	1220mm x 300mm	1200mm x 300mm
Unladen weight kgs	350kg	750kg	1850kg	2800kg	3000kg

Model	Superior Super 16	Superior Super 16 CS	Superior Super 16 CSX	Superior Stockman 3000	Superior Stockman 6000	Superior Stockman 9000
Output Crimping	60 tonnes/hour	60 tonnes/hour	60 tonnes/hour	8 tonnes/hour	12 tonnes/hour	20 tonnes/hour
Output Dry Rolling	40 tonnes/hour	40 tonnes/hour	40 tonnes/hour	4 tonnes/hour	6 tonnes/hour	10 tonnes/hour
Power requirement	120hp	120hp	120hp	40hp	40hp	100hp
Hopper size & capacity	3000mm x 2500mm 2 tonnes	3800mm x 2500mm 3 tonnes	3800mm x 2500mm 3 tonnes	3050mm x 1250mm 1 tonne	3050mm x 1140mm 2 tonnes	3050mm x 1140mm 2 tonnes
Roller Dimensions Length x Diameter	1200mm x 400mm	1200mm x 400mm	1200mm x 400mm	460mm x 267mm	700mm x 300mm	1000mm x 300mm
Unladen weight kgs	3200kg	3300kg	3400kg		2250kg	2550kg

Cross Agricultural Machinery – It's the Obvious Choice

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The Cross Superior range of crimper and dry milling machines provide the ideal solution to maximising the value of farm produced grain for feeding. The grain crimping system allows for earlier harvesting of cereal crops while they are at their peak nutritional value.



The crimping system using the Cross Superior machines, produces a highly digestible animal feed that can be stored in a flexible and cheap manner in a stable internal or external clamp for feeding during the winter months. Crimped grain on your farm is palatable and dust free and is 100% traceable.



The Cross Superior mills can be used to roll dry grain directly after harvesting or after a period of storage. The dry rolling process can be carried out at grain moisture contents up to 25%. The machines can be used successfully to dry roll peas, beans and lupins in addition to cereals.



Practical experiments by farming and livestock research institutions in Ireland, Britain, Finland, Sweden, and elsewhere have confirmed that crimped feed has higher nutritional values and gives a 10% increase in nutrient utilisation. Feeding crimped grain increases the animals' growth and milk production, improves milk quality and the animals' health, and in addition, helps cut costs.



The Cross Superior grain crimper and rollers come with capacities from 1.5 tonnes to 60 tonnes per hour crimping (4 tonnes to 40 tonnes per hour dry rolling). The machines come with full mudguards and elevator extensions as standard.

All of the Cross Superior grain crimper and rollers have precision balanced steel rollers. The rollers are belt driven. The chain and flight discharge elevators give free flow of the crimped/rolled grain. Cross Agricultural Engineering provides a roller replacement and rebuilding service for all machine sizes.

Options to suit your needs

Because your Cross Superior Crimper/Mill is unique to your farm we offer you the choice of an extensive list of optional extra fittings for the comprehensive range of quality Cross Superior Mills. These options include:

- **Wheels and drawbar kits**
- **Dual drive kit for peas, beans etc**
- **Additive /chemical applicator**
- **Twin additive applicator**
- **Water/molasses tank**
- **Rotary throughput calculator**
- **Full road kit**



This literature is designed for worldwide circulation. Due to continuing policy of product improvement, we reserve the right to alter specifications and constructions without notice. As machines are exported to many different countries, general information, pictures and descriptions are provided; these should be taken as approximate and may include optional equipment that is not part of the standard specification. Please consult your local dealer/distributor for further information.

Thank you for considering the environmental impact of printing this brochure.

Slurry equipment Feeding equipment Tillage equipment Other equipment

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