SPRAY IMPREGNATING UNIT DYS2

TECHNICAL SPECIFICATIONS

Capacity	10 mill. splints / hour
Attendants	-
Impregntaion liquid	Monoammonium phosphate solution, 15% added to water. Consumption about 11 liters solution per million splint.
Power required	2.9 kW
Air consumption	20 m^3 free air / hour
Net weight	1,700 kg
Gross weight	2,670 kg
Shipping volume	21 m^3

Arenco–DYS2 Spray Impregnating Unit

DESCRIPTION OF FEATURES

The Spray Impregnation Unit type DYS2 is intended for placing in the splint line between the wet splint buffer and the splint drier. It will replace the common wet impregnation system with drip of conveyor.

The Spray Impregnation Unit is less expensive, needs less space and above all adds less water to the impregnation process.

The quality of the impregnated splint is kept at the same high level.

The wet splint buffer will give the required even splint flow needed for perfect dosing of impregnation liquid.

The splints pass a rotating drum during the impregnation process. Normal passing time is 7 minutes. In the first part of the drum an impregnation mist is sprayed on to the splints and in the second part the liquid is completely absorbed by the splints.

The spray nozzles are equipped with a manual cleaning device.

The splints are then discharged on to the conveyor of the splint drier.

The Spray Impregnation Unit is also electrically controlling the wet splint buffer and splint drier, thus forming an automatic line.

The Spray impregnation Unit is favorable from the environmental point of view:

ENERGY SAVING
A smaller amount of water is added to the splints. This means less energy needed for the drying.

WASTE PROBLEM ELIMINATED
All of the impregnation solution is absorbed by the splint. Drainage and return transport of solution are no longer needed, which is the case with the wet impregnation system.

SIMPLIFIED CLEANING
The wet impregnation causes clogged conveyor sieve plates in the splint drier. The result is expensive cleaning work. This problem is eliminated or reduced.

Design and specifications may be modified without notice.

Spare part orders and service, new machine inquiries, mechanical repairs and preventive maintenance, contact us at info@arenco.com or call +46 480 945 00

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