

SERAM GROUP

**METAL DECK
CONVEYOR**

P400

C2250



SPECIFICATIONS

RECOMMENDED FIELDS OF APPLICATION

Feeding shredders up to 280 t/h / 308 USt

MAIN FEATURES

Clear width:	2250mm / 89 in
Length and angle:	On request*
Type of support:	Fixed
Belt motorization:	According to the requirements* Equipped with an integrated torque limiter
Brand of the gearmotors:	Sew Usocom
Belt speed:	From 2 to 15m/min From 6.6 to 49.2 ft/min

STRUCTURE

Heavy welded construction Frame HEB, IPE, IPN, UAP, UPN	
Height of the side plates:	990 mm / 3.2 ft
Side plates "discharge area" :	Steel S355 20mm / 0.8 in + Wearing part 10mm / 0.4 in
Side plates "inclined area" :	Steel S355 15mm / 0.6 in + Wearing part 10mm / 0.4 in
Outside (removable) protection panels, along the entire length	

* The final technical data depend on the specific requirements of the customer.

The specifications mentioned on the quotation override the specifications given on this document.

AVAILABLE OPTIONS

Control cabinet
Extension of the side plates
Removable flanges
Maintenance walkways
Passageways

CHAINS

Chain pitch:	400 mm / 15.7 in
Fracture resistance:	102 000 daN / 229 kipf
Features:	
- Sockets Ø 65mm / 2.6 in in case-hardened alloy steel	
- Flanged rollers Ø 140/170mm / 5.5/6.7 in in steel type C45 avec hardening HF by induction of the bore and the outer Ø	
- Surface hardness of 50HRc mini	
- Straight link plates of 120 x 15mm / 4.7 x 0.6 in in treated steel type C45	

BELT

Hinged steel belt, equipped with 15 mm / 0.6 in thick blades. The blades are folded and triangle-shaped, and reinforced on the inside with a 8 mm / 0.3 in thick plate.	
Outer shells, thickness 10 mm / 0.4 in, avoiding falling of materials on the sides of the conveyor.	
160 mm / 6.3 in high paddles, welded on the belt every 10 blades.	

ARTICULATIONS

Flanges:	8 teeth in Steel S355K203
Shafts:	Steel 42CD4
Bearings:	Ø170mm / 6.7 in Dynamic load of 665KN / 149.5 kipf

MAINTENANCE

Centralized self lubrication system of the bearings	
Lubrication system of the chains by direct injection, under pressure	

ELECTRICAL INSTALLATION

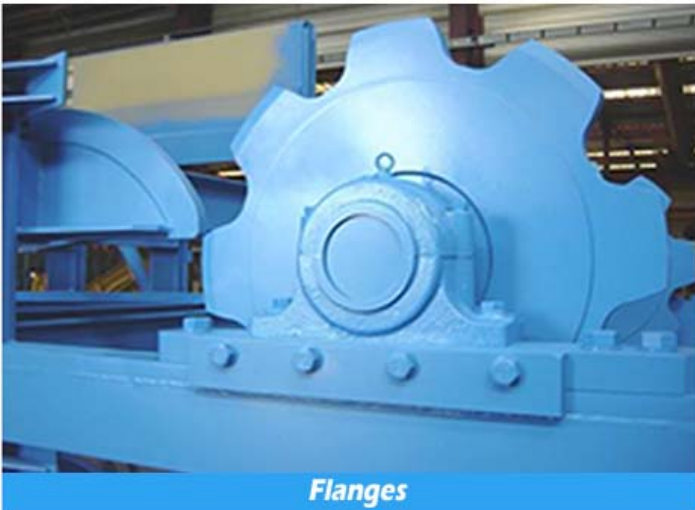
End-position sensor of the gearmotors	
Electrical connection box	



Structure



Blades



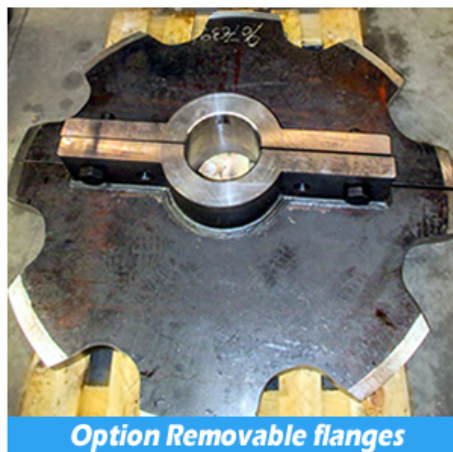
Flanges



Set of flanges and chains



Option Extension of the side blades



Option Removable flanges



Option Passageway

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Your dealer:

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