

# SERAM

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

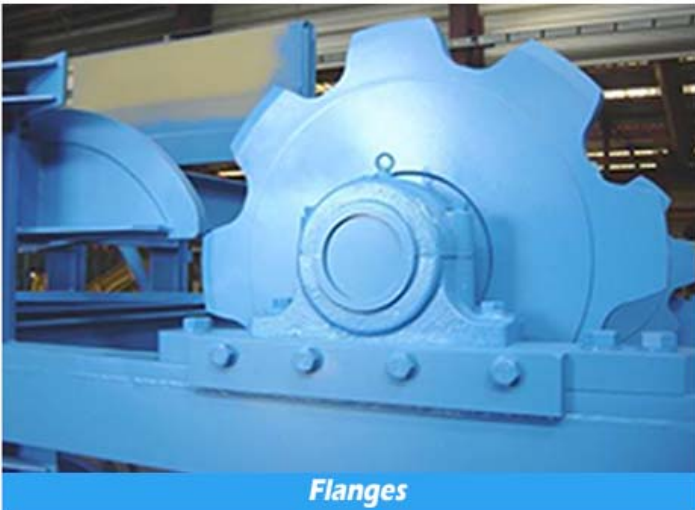
End-position sensor of the gearmotors	
Electrical connection box	



*Structure*



*Blades*



*Flanges*



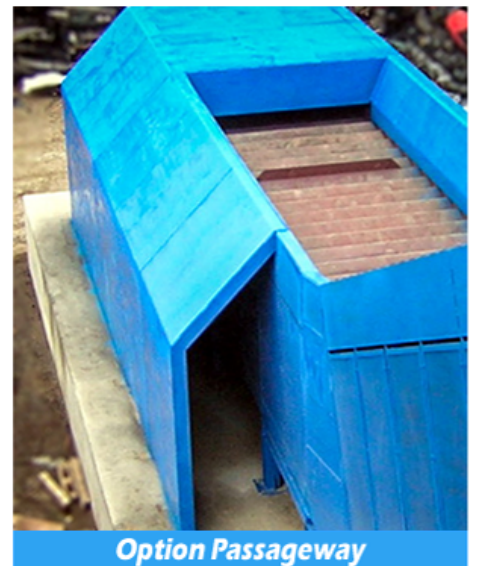
*Set of flanges and chains*



*Option Extension of the side blades*



*Option Removable flanges*



*Option Passageway*

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