

SMTP Screw Conveyor Drives

STOCK SMTP REDUCER (1)	TYPE SMTP SCREW CONVEYOR ADAPTER	TYPE SMTP SCREW CONVEYOR SHAFT (2)	OPTDNAL SEAL CARTRIDGES		FELT SEAL (3)
			WASTE PACK KIT	PACKING GLAND KIT	
1 1/2" DRIVE SHAFT -FOR SCREW DIAMETERS 6 -10"					
107SMTP__	107SCA-P	107DSP108__	107WPP	107PGP	FR200
115SMTP__	115SCA-P	115DSP108__	115-203WPP	115-203PGP	FR210
203SMTP__	203SCA-P	203DSP108__			
2" DRIVE SHAFT -FOR SCREW DIAMETERS 9 -12"					
107SMTP__	107SCA-P	107DSP200__	107WPP	107PGP	FR200
115SMTP__	115SCA-P	115DSP200__	115-203WPP	115-203PGP	FR210
203SMTP__	203SCA-P	203DSP200__			
207SMTP__	207SCA-P	207DSP200__	207-407WPP	207-407PGP	FR308
215SMTP__	215SCA-P	215DSP200__			
2 7/16" DRIVE SHAFT -FOR SCREW DIAMETERS 12 and 14"					
107SMTP__	107SCA-P	107DSP207__	107WPP	107PGP	FR200
115SMTP__	115SCA-P	115DSP207__	115-203WPP	115-203PGP	FR210
203SMTP__	203SCA-P	203DSP207__			
207SMTP__	207SCA-P	207DSP207__	207-407WPP	207-407PGP	FR308
215SMTP__	215SCA-P	215DSP207__			
3" DRIVE SHAFT -FOR SCREW DIAMETERS 12 -20"					
107SMTP__	107SCA-P	107DSP300__	107WPP	107PGP	FR200
115SMTP__	115SCA-P	115DSP300__	115-203WPP	115-203PGP	FR210
203SMTP__	203SCA-P	203DSP300__			
207SMTP__	207SCA-P	207DSP300__	207-407WPP	207-407PGP	FR308
215SMTP__	215SCA-P	215DSP300__			
307SMTP__	307SCA-P	307DSP300__	207-407WPP	207-407PGP	FR308
315SMTP__	315SCA-P	315DSP300__			
407SMTP__B	407SCA-PB	407DSP300__B			
3 7/16" DRIVE SHAFT -FOR SCREW DIAMETERS 18 -24"					
207SMTP__	207SCA-P	207DSP307__	207-407WPP	207-407PGP	FR308
215SMTP__	215SCA-P	215DSP307__			
307SMTP__	307SCA-P	307DSP307__	207-407WPP	207-407PGP	FR308
315SMTP__	315SCA-P	315DSP307__			
407SMTP__B	407SCA-PB	407DSP307__B			

Shaft stress based on transmitted load must always be checked. Calculations must account for drilled holes on shaft.

SMTP screw conveyor drives may be assembled in the field.

Required components include:

- SMTP reducer
- SMTP screw conveyor adapter
- SMTP screw conveyor shaft

Optional components include:

- Waste pack
- Packing gland
- Felt seal

(1) Complete part number by adding ratio, ie: 05, 09, 15, 25 or 35

(2) Complete part number by adding shaft type

- Standard
 - 2 hole steel shaft = leave blank (example 107DSP108)
 - 3 hole steel shaft = -3 (example 107DSP108-3)
- Optional
 - 2 hole stainless steel shaft= SS (example 107DSP108SS)
 - 3 hole stainless steel shaft= -3SS (example 107DSP108-3SS)

(3) Felt seal can be added to the waste pack or packing gland seal cartridge.



Screw Conveyor Adapter Kit



Waste Pack Kit



Packing Gland Kit



Screw Conveyor Drive Shaft Kit

HMTP Screw Conveyor Drives

STOCK HMTP REDUCER (1)	TYPE SMTP SCREW CONVEYOR ADAPTER	TYPE SMTP SCREW CONVEYOR SHAFT (2)	OPTIONAL SEAL CARTRIDGES		FELT SEAL (3)
			WASTE PACK KIT	PACKING GLAND KIT	
1 1/2" DRIVE SHAFT -FOR SCREW DIAMETERS 6 -10"					
107HMTP__	107SCA-P	107DSP108__	107WPP	107PGP	FR200
115HMTP__	115SCA-P	115DSP108__	115-203WPP	115-203PGP	FR210
203HMTP__	203SCA-P	203DSP108__			
2" DRIVE SHAFT -FOR SCREW DIAMETERS 9 -12"					
107HMTP__	107SCA-P	107DSP200__	107WPP	107PGP	FR200
115HMTP__	115SCA-P	115DSP200__	115-203WPP	115-203PGP	FR210
203HMTP__	203SCA-P	203DSP200__			
207HMTP__	207SCA-P	207DSP200__	207-407WPP	207-407PGP	FR308
215HMTP__	215SCA-P	215DSP200__			
2 7/16" DRIVE SHAFT -FOR SCREW DIAMETERS 12 and 14"					
107HMTP__	107SCA-P	107DSP207__	107WPP	107PGP	FR200
115HMTP__	115SCA-P	115DSP207__	115-203WPP	115-203PGP	FR210
203HMTP__	203SCA-P	203DSP207__			
207HMTP__	207SCA-P	207DSP207__	207-407WPP	207-407PGP	FR308
215HMTP__	215SCA-P	215DSP207__			
3" DRIVE SHAFT -FOR SCREW DIAMETERS 12 -20"					
107HMTP__	107SCA-P	107DSP300__	107WPP	107PGP	FR200
115HMTP__	115SCA-P	115DSP300__	115-203WPP	115-203PGP	FR210
203HMTP__	203SCA-P	203DSP300__			
207HMTP__	207SCA-P	207DSP300__	207-407WPP	207-407PGP	FR308
215HMTP__	215SCA-P	215DSP300__			
307HMTP__	307SCA-P	307DSP300__	207-407WPP	207-407PGP	FR308
315HMTP__	315SCA-P	315DSP300__			
3 7/16" DRIVE SHAFT -FOR SCREW DIAMETERS 18 -24"					
207HMTP__	207SCA-P	207DSP307__	207-407WPP	207-407PGP	FR308
215HMTP__	215SCA-P	215DSP307__			
307HMTP__	307SCA-P	307DSP307__	207-407WPP	207-407PGP	FR308
315HMTP__	315SCA-P	315DSP307__			

Shaft stress based on transmitted load must always be checked. Calculations must account for drilled holes on shaft.

HMTP screw conveyor drives may be assembled in the field.

Required components include: HMTP reducer
SMTP screw conveyor adapter
SMTP screw conveyor shaft

Optional components include: Waste pack
Packing gland
Felt seal

- (1) Complete part number by adding ratio, ie: 05, 09, 15, 25 or 35
- (2) Complete part number by adding shaft type
 - Standard ___ 2 hole steel shaft = leave blank (example 107DSP108)
 - 3 hole steel shaft = -3 (example 107DSP108-3)
 - Optional L { 2 hole stainless steel shaft= SS (example 107DSP108SS)
 - 3 hole stainless steel shaft= -3SS (example 107DSP108-3SS)

(3) Felt seal can be added to the waste or packing gland pack seal cartridge.



Screw Conveyor Adapter Kit



Waste Pack Kit



Packing Gland Kit



Screw Conveyor Drive Shaft Kit