



# DIMENSIONING DIAGRAM TRANSPORK/MINIPORK



This dimensioning diagram is used for calculating the max. plant length. The various components in the plant contribute with their own load. In order to facilitate the calculation, the various loads are converted into pipe lengths according to following directions.

INFLUENCE:	Number	Contrib.	Calculated pipe length m
1 m horizontal transport pipe		1	
1 m transport pipe with 45° inclination		2	
1 m vertical transport pipe		5	
Corner		12,5	
Hopper with motor, straight passage		5	
Hopper without motor, straight passage		30	
1 m empty horizontal transport pipe		-0,5	
Total pipe length, converted =			

The total converted pipe length cannot exceed the below max. values for the various drive units.

DRIVE UNITS/TRANSPORK	Max. converted pipe length	
	Pellets	Flour
Drive unit Ø50,8mm/22/0,75kW	425m	500m
Drive unit Ø60,0mm/22/0,75kW	360m	450m
Drive unit Ø60,0mm/34/1,1kW	300m	350m

DRIVE UNITS/MINIPORK	Max. converted pipe length	
	Pellets	Flour
Drive unit Ø50,8mm/22/0,75kW	365m	425m

**Note:** The TransPork plant can be used for transporting materials with a diameter of up to Ø5 mm, the length cannot exceed 10 mm. The plant cannot be recommended transporting beet pellets and other hard pellets.

Max. length of transport wire is 350 metres due to drive unit tensioning capability.

