



 **PICHON**  
[www.pichonindustries.com](http://www.pichonindustries.com)

# SLURRY MIXERS

B31		5 M
B4		5 M
B41		7 M
B410		10 M



# WHY STIRRING?

**PICHON Slurry mixers allow to stir and homogenize the liquid manure within the pit.**

The liquid manure stored into pits sediments at the bottom and creates a crust on the top. A regular mixing operation of the different levels is necessary.

Benefits are various. It reduces filling time. Spreading is facilitated because the liquid manure runs out freely without obstruction. Smells are reduced. Slurry value is optimized as crops assimilate nutrients easier.



# A RANGE FOR ALL TYPES OF PITS

**PICHON offers four lengths of mixers to fit various types of pits with variable depths.** Easily attached to the tractor, PICHON mixers come with a hydraulic ram to adjust slope and a reinforced P.T.O. shaft. The PICHON mixer design optimizes positioning without constraints onto P.T.O. shaft mechanism.



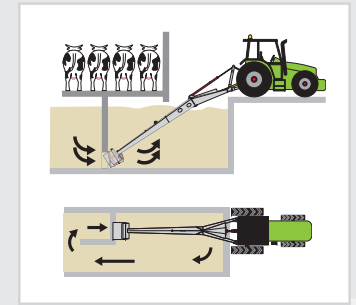
**Round or squared concrete pit**



**Plastic lagoon**

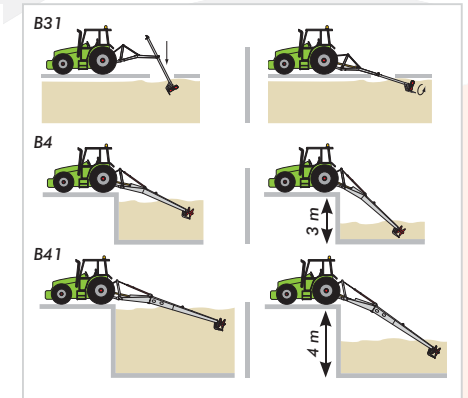


**Pit under shed with reduced opening**



**Dutch style pit**

		Length	Pit depth	Weight (kg)	Tractor power
<b>B31</b>	<b>Mixer with 2 paddles</b> galvanized articulated tubular chassis	5 m	2 to 3 m	390	60 HP
<b>B4</b>	<b>Mixer with propeller</b> (see below) galvanized chassis	5 m	3 m	420	60 HP
<b>B41</b>	<b>Mixer with propeller</b> (see below) galvanized chassis: 2 pieces	7 m	4 m	620	100 HP
<b>B410</b>	<b>Mixer with propeller</b> (see below) galvanized chassis: 3 pieces	10.50 m	5 m	960	150 HP



# HEAVY DUTY CHASSIS



**A simple and robust design, a galvanized chassis in addition to a proven technique for more than 30 years.**

# VARIOUS TYPES OF PROPELLERS



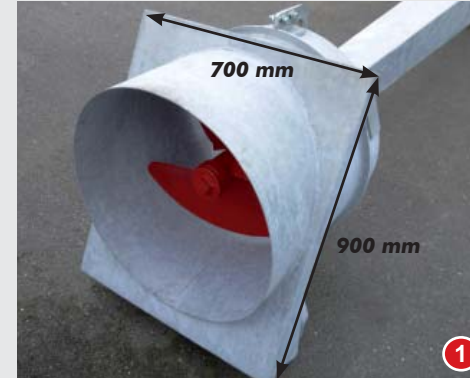
The Archimedean screw gives an excellent ratio power/efficiency. Liquid manure is perfectly stirred and homogenized within minimum time. The propeller comes with two welded blades and an adjustable counter blade to fulfill the function of chopping. Propeller model and size depends on tractor H.P., pit dimensions and type of liquid manure.

Diam.	Thread	Version	Additional power / 600x600	Models		
				B4	B41	B410
Ø 600	600	push	-			
Ø 600	600	pull	-			
Ø 600	700	push	+ 15 CV			
Ø 600	700	pull	+ 15 CV			
Ø 600	800	push	+ 30 CV			
Ø 700	700	push	+ 30 CV			

# CUSTOMISE YOUR MIXER

The PICHON slurry mixers accept complementary equipments to fit various working conditions (except for B31 mixer).

	Models		
	B4	B41	B410
1 Box for propeller 600 Ø (Dutch pit method)			
2 2,20 m extension			
3 Protection for bottom of pit			
4 Float protectors			
Centralized greasing			
Document box PVC Ø 125			
5 Hour counter			
6 Sign boards kit			
Star P.T.O. shaft tube			
Wide angle transmission			
Four lobes tube for reinforced P.T.O. shaft			





# FILLING FROM ABOVE GROUND PIT



PICHON makes a unique system to fill the tank(er) via a reception cone and an autofiller. It enables the operator to stay in the cab while controlling the industrial valve with the radio remote.

The valve stops any overflow out of the cone. At the end of the filling sequence, the hydraulic valve of the cone closes. An air vent enables the operator to pump the remaining slurry out of the cone.

This system is available in 220 and 380 V version with Ø150 and 200 reception cone.



# LIQUID MANURE TRANSFER



Driven by the tractor P.T.O., the pump takes the liquid manure from the bottom of the pit and throws it via a side outlet in order to remove it. This outlet is horizontally and vertically adjustable in order to fit the pit's geometry.

When the side valve is closed, the liquid manure is propelled towards the higher outlet. Flow transfer can reach up to 522 m<sup>3</sup>/h.

A PICHON slurry tanker can also be filled via a frame and a top fill hatch or cone. Provided with a trolley, the pump fits to the pits from 2.8 to 3.3 m deep.



ZI DE LAVALLOT - B.P. 21  
29490 GUIPAVAS - FRANCE

TEL: + 33 298 344 100

FAX: + 33 298 344 120

E-mail: [info@pichonindustries.com](mailto:info@pichonindustries.com)



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**COMPACT LOADERS  
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**SPECIFIC  
EQUIPMENT**