

Standard Equipment

- ✓ Single-phase 230V/50Hz motor (all models) - IP55 switch and no-volt coil
- ✓ Version with Worms EX170 4.2 kW petrol engine (Syntesi 190, 250, 300)
- ✓ Version with Worms EX170 4.2 kW / Honda 4 kW petrol engine or Yanmar 3.5 kW diesel engine (Syntesi 350)
- ✓ Transmission system with high resistance belt and steel gears in oil bath that are maintenance-free
- ✓ Movement towbar
- ✓ Poly drum version (HDPE), available on Syntesi 140

Applications

Designed and built to solve the typical problems of traditional concrete mixers. The transmission system inserted in the arm and the convenient worm screw tilting system make it noiseless and lightweight, and at the same time sturdy and reliable.

SYNTESI 140 with
STANDARD DOUBLE INSULATION ☐



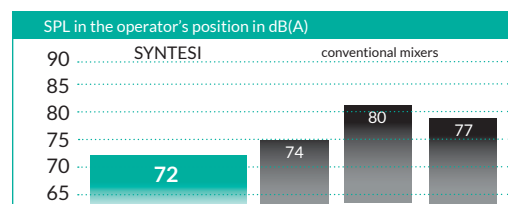
Syntesi 140 HDPE



Syntesi 140

Maximum silence

The new drive system reduces noise and makes the SYNTESI concrete mixers particularly noiseless.



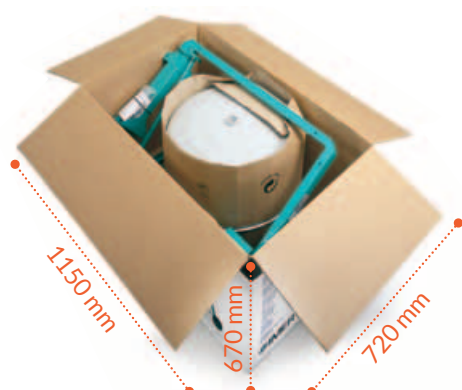
Syntesi 350

SYNTESI 140 SYNTESI 160 SYNTESI 190 SYNTESI 250 SYNTESI 300 SYNTESI 350

	I	138/~100	160/~115	190/~160	235/~190	314/~250	345/~280
Drum capacity/batch output*	mm	610	610	702	702	823	823
Drum diameter	Ø mm	200x50	200x50	295x54	370x85	385x90	385x90
Wheel dimensions	V / Hz	230 / 50 Sph 230 / 60 Sph	230 / 50 Sph	230 / 50 Sph	230 / 50 Sph 230 / 60 Sph 110 / 50 Sph	230 / 50 Sph	230 / 50 Sph 110 / 50 Sph 115 / 60 Sph
Electric power supply	kW	0.3	0.3	1	1	1.4	1.4
Electric motor power rate	A	2.2	2.2	5	5 (12)	8	8 (14)
Running current 230 V (110/115 V)	kW	-	-	4.2	4.2	4.2	4.2/4
Petrol engine power	dB(A)	72/-	72/-	72/85	72/85	72/85	72/85
El. motor/petrol eng. SPL in operator's position	kg	54/-	59/-	106/125	119/143	173/184	175/186
El. motor/petrol eng. machine weight	mm	800/1330/1220	800/1330/1280	793/1465/1334	840/1465/1476	930/1610/1575	930/1610/1600
Machine dim. with electric motor w/l/h	mm	-	-	793/1790/1334	840/1790/1476	930/1920/1575	930/1920/1600
Machine dim. with petrol engine w/l/h	mm	720/1150/670	720/1150/670	800/1580/1420	800/1580/1440	950/1700/1500	950/1700/1500
Packing dim. w/l/h		3 (h 2200 mm)	3 (h 2200 mm)	2 (h 2520 mm)	2 (h 2540 mm)	2 (h 2600 mm)	2 (h 2600 mm)
Max stackability**							

(*) The mixing capacity varies depending on the type of material and inclination of the drum (**) Number of stackable pieces and total height including pallet

Shipment and storage



The Syntesi 140 is supplied already packed in a cardboard box.



The Syntesi 190, 250, 300 and 350 can be stacked for transport and storage

Version with petrol engine



Syntesi 190, 250, 300 and 350
Worms EX170 4.2 kW



Packaging Syntesi 140-160



Syntesi 160



Syntesi 190



Syntesi 250