

## SERIE P

Riduttori speciali per mescolatori planetari, largamente impiegati nei settori prefabbricazione civile, fonderie, industrie chimiche e di fertilizzanti.

Un moto di rivoluzione e uno di rotazione permettono di ottenere una perfetta mescolazione in brevissimo tempo.

6 grandezze riduttori per capacità da 250 a 3000 litri.

Disponibili in esecuzione per semplice e doppia mescolazione.

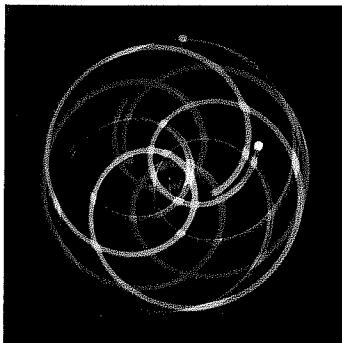
## SERIES P

Special geared reducers for planetary mixers, widely used in the civil prefabrication, glassworks, foundry, chemical and fertilizer industry fields.

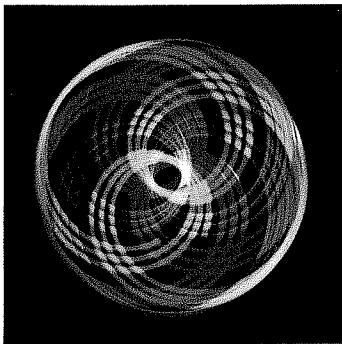
A revolution motion and rotation motion make it possible to obtain a perfect mixing in a very short time.

6 sizes of geared reducers for 250 to 3000 liter capacities.

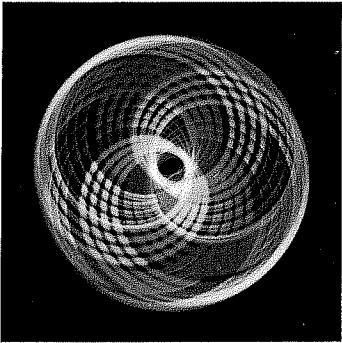
Available for simple and double mixing.



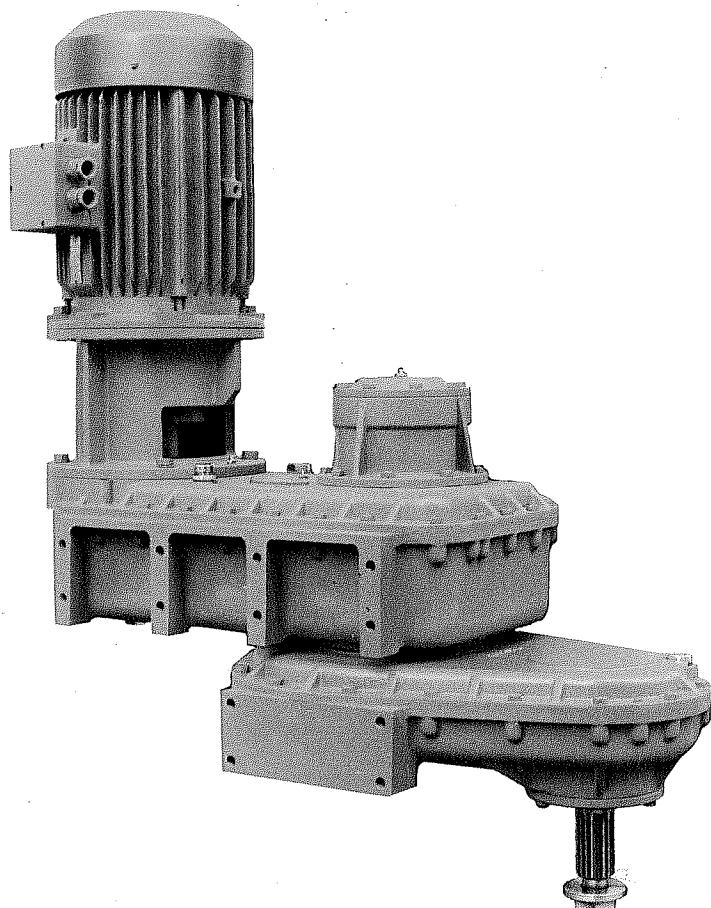
3''



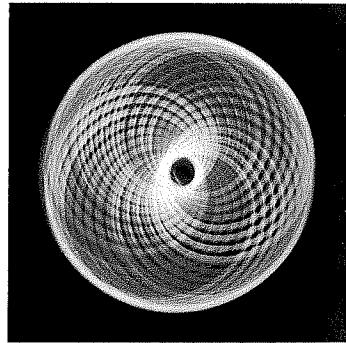
7''



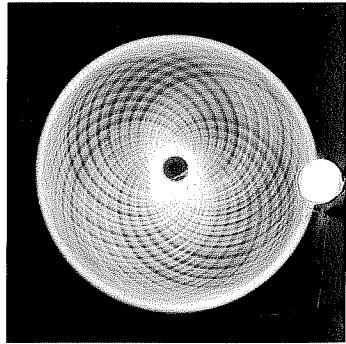
10''



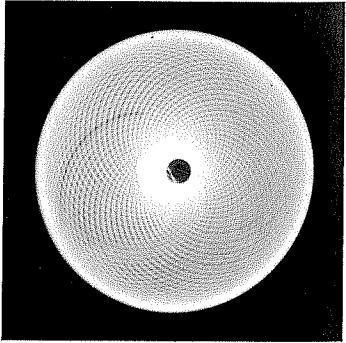
G  
S  
M  
S.R.L.



15''



30''



45''

## SERIE P

Spezialgetriebe für Rührwerke. Einsatzfelder sind Fertigteilwerke, Giessereien, chemische Industrien usw.

Die Bewegung, die sich aus Umlauf und Umdrehung zusammensetzt, führt zu einem einwandfreien und äusserst raschen Mischvorgang.

6 Getriebegrössen für Rührwerkinhalt von 250 bis 3000 Liter.

Die Getriebe sind wahlweise für ein- bzw. zweistufiges Röhren erhältlich.

## SERIE P

Réducteurs spéciaux pour malaxeurs planétaires, largement employés dans la préfabrication civile, les fonderies, les industries chimiques et de fertilisants.

Un mouvement de révolution et un de rotation permettent d'obtenir un malaxage parfait en très peu de temps.

6 grandeurs de réducteurs pour capacités allant de 250 à 3000 litres.

Disponibles en exécution pour mélange simple ou double.

Riduttori e motoriduttori di serie e speciali

Via Dino Lugli, 12 - I - 41100 Modena - ☎ (059) 36.50.22 - Telex 213658 LOGOS I

**SPEED REDUCERS FOR MIXERS - CONSTRUCTION DATA**
**OPERATION**

This is a special speed reducer for planetary mixers and comprises a main transmission which transmits a revolving motion and a secondary transmission which transmits a rotating motion. The simultaneous revolving and rotating motions provide perfect and swift mixing of different materials. 4 sizes of the P series mixers are currently available with the following features:

	P1	P3	P5	P7
Pv (Kw)	7.5	15	30	45

**GEAR PAIRS**

The helical or spur gears of the mixers are ground along their involute profile following casehardening, hardening and final tempering. They are built in 16CrNi4 steel to UNI 7846-78.

**SHAFTS**

All shafts are in casehardened 16CrNi4 steel to UNI 7846-78 and are verified to bending and torsion parameters with a high safety factor. The cylindrical shaft ends which are coupled to the mixing blades feature a splined profile. This ensures maximum safety of the torque transmitted during mixing. A flexible coupling is used between the electric motor and the high-speed shaft of the speed reducer.

**BEARINGS**

All bearings are high-quality taper roller bearings and are sized to ensure long service life with the approved lubricants.

**CASING**

The upper casing is made of G20 cast-iron to UNI 5007, while the lower part which holds the mixing shaft is in GS-500-7 to UNI 4544. Thorough research into the strong points of the structure has enabled us to ensure a sturdier, lighter construction. Mounting holes are provided for safe mounting to the planetary mixer.

**SECTORS OF APPLICATION**

Our speed reducers for mixers are widely used in the prefab sectors, foundries, chemical factories and sectors which produce fertilizers.

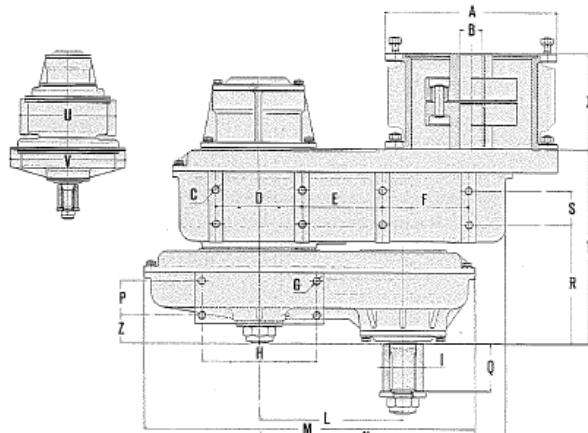
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**DIMENSIONI D'INGOMBRO - OVERALL DIMENSIONS - DIMENSIONS D'ENCOMBREMENT - ABMESSUNGEN**

1	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U	V	Z	X	KW
P1	300	38	M14	150	140	150	M14	200	70	250	575	375	427.5	60	82	205.5	60	377	355	400	47	167	7.5
P3	350	42	M16	190	176	190	M16	250	90	315	725	475	541	80	102	255.5	80	467	450	500	55	228	15
P5	350	48	M18	240	212	240	M18	315	110	400	915	600	672	100	127	322	100	577	560	630	74	228	30
P7	450	60	M20	300	271	300	M20	355	125	406	981	626	846	105	132	391	125	689	710	710	110	289	45

1 - Grandezza - Dimensions - Grandeur - Größe

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**RIDUTTORI PER MESCOLATORI**
**SPEED REDUCERS FOR MIXERS - REDUCTEURS POUR MALAXEURS - GETRIEBE FÜR MISCHGERÄTE BAUMERKMALE**


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