

Transit Mixer Gearbox

Maxma mixer drives MK100, MK130, MB2000C, MB2300, MB2700, MP3300, MP4300 and MP5300, with drum capacities of 1-1.5 m³, 2.5-3.5 m³, 4-5 m³, 5-6 m³, 6-7 m³, 7-8 m³, 8-10 m³ and 10-14 m³ respectively offer economical and well proven drive technology for transport concrete drum mixers.

The technical concept utilizes a two stage planetary gearbox.

The mixer drive is either bolted to a bearing bracket or directly to the vehicle chassis with the output flange being attached to the mixer drum.

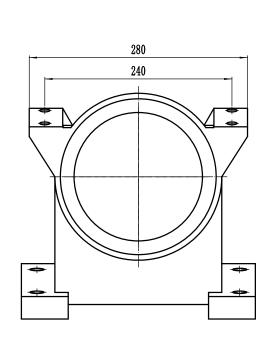
The gearbox is utilized as the front support for the drum system.

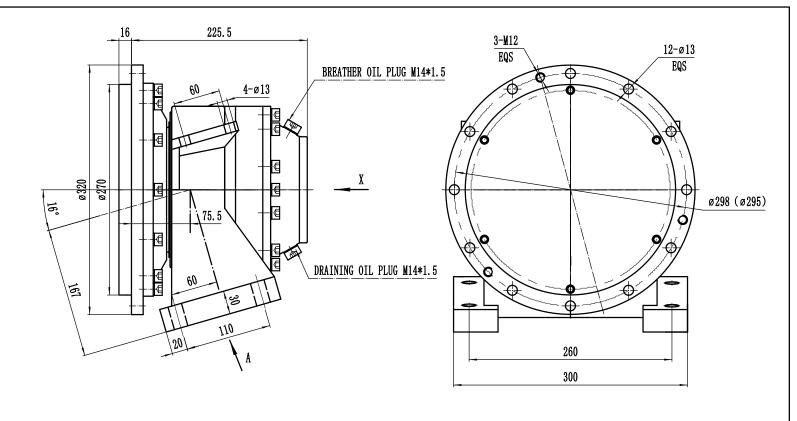
Maxma mixer drives offer the following advantages:

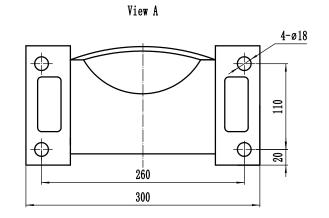
- Torsion resistant drive. The output flange permits a swivel angle of ±6° in all directions.
- Low maintenance and long service life. All gears and shafts operate submerged in oil. Input drive torque is supplied by hydrostatic motor mounted to the gearbox.

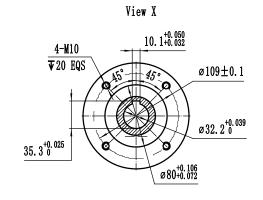
Speed sensor and water pump connection are available.

Techinical data/ Typ	e	MK100	MK130	MB2000C	MB2300	MB2700	MP3300	MP4300	MP5300
Max. Output Torque	(Nm)	10000	24000	30000	36000	39000	48000	60000	70000
Ratios	i=	26	29.4	131	103	103	133.7	135.3	135.3
Max. input Speed	(rpm)	600	800	2000	2500	2500	2500	2500	2500
Drum Capacity	(m³)	1 - 1.5	2.5 - 3.5	4 - 5	5 - 6	6 - 7	7 - 8	8 - 10	10 -14
Oil Quantity	(It ±10%)	1.5	4	4.5	7	7	7.5	14	14
Dry Weight	(kg)	60	125	142	160	180	190	330	335
Hydraulic Motor		Provided by user							
Use oil according to following normes:		SAE 85W90/ API GL4 GL5							





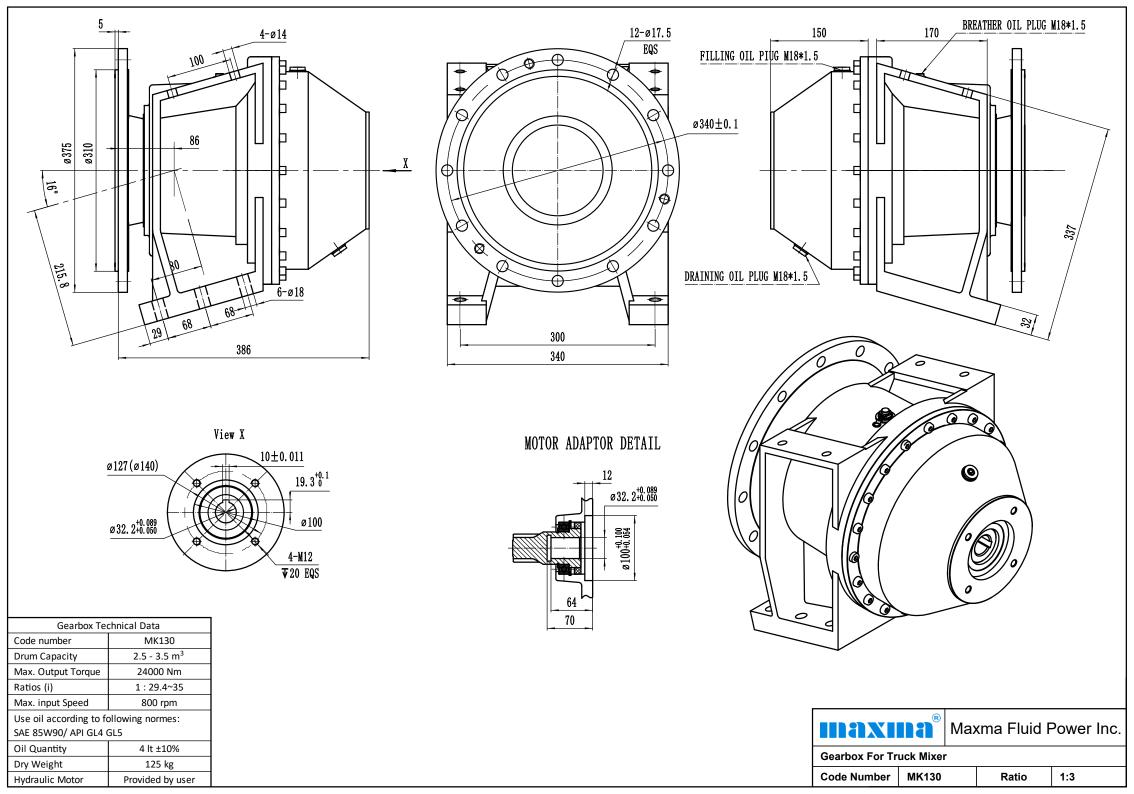


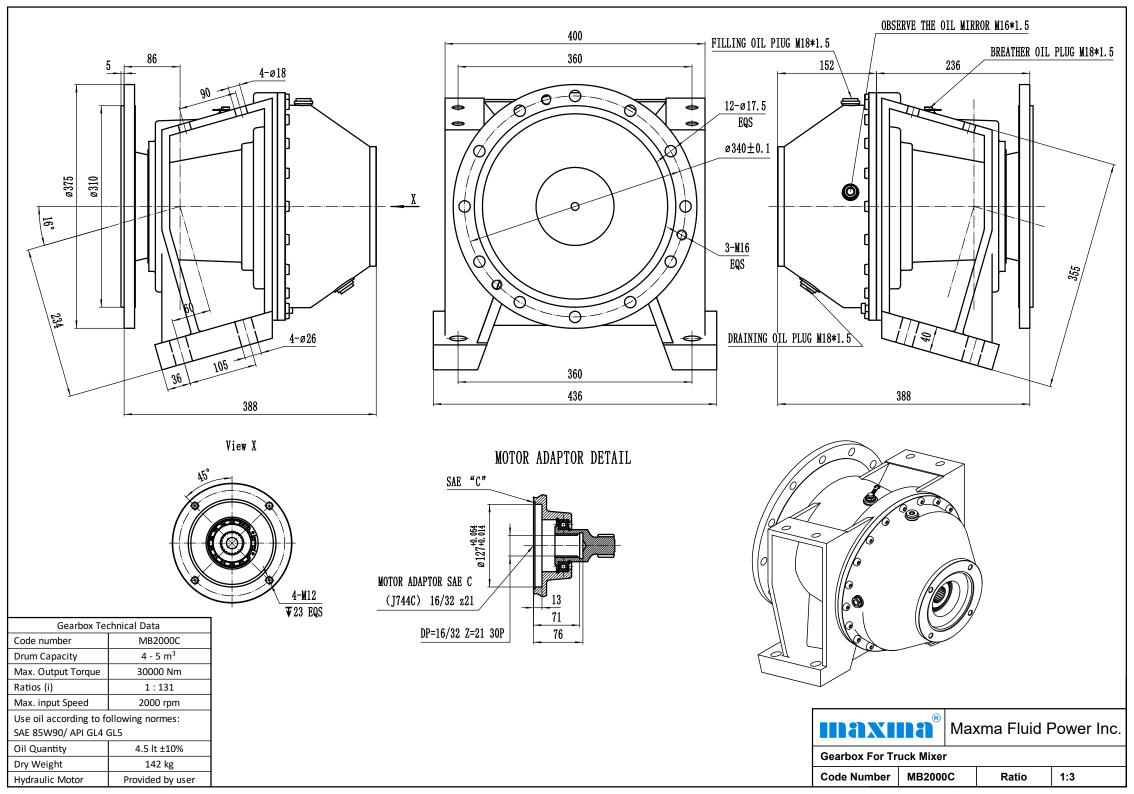


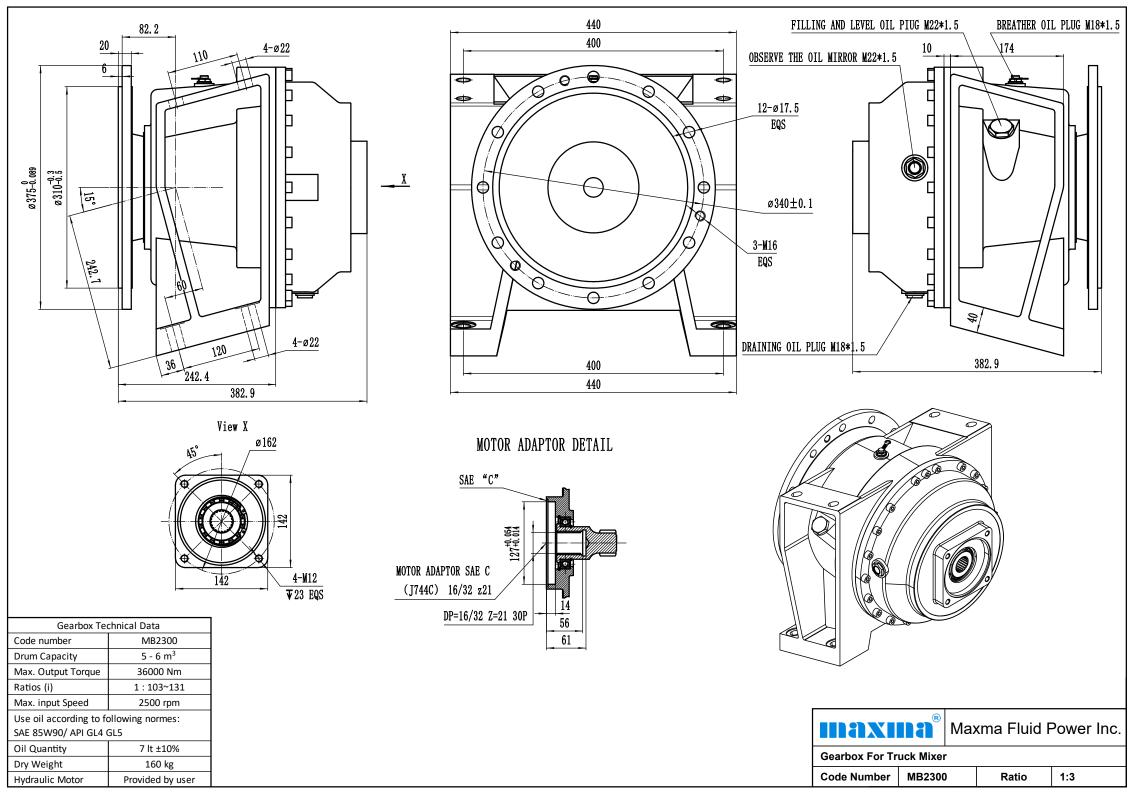
Code number		MK100		
	Drum Capacity	1 - 1.5 m ³		
	Max. Output Torque	10000 Nm		
	Ratios (i)	1:26		
	Max. input Speed	600 rpm		
	Use oil according to following normes: SAE 85W90/ API GL4 GL5			
	Oil Quantity	1.5 lt ±10%		
	Dry Weight	60 kg		
	Hydraulic Motor	Provided by user		

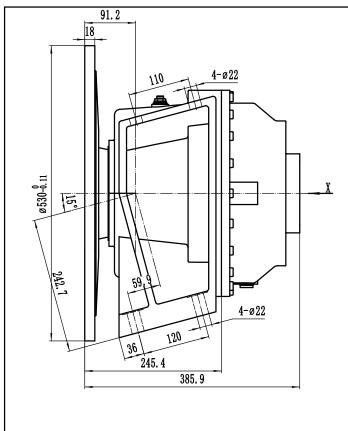
Gearbox Technical Data

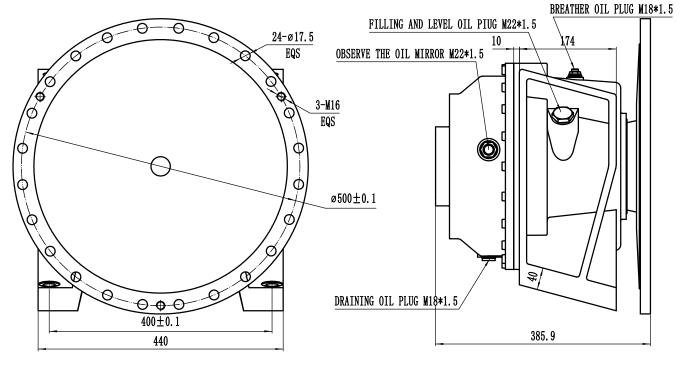
maxi	Maxma Fluid Power Inc.				
Gearbox For Truck Mixer					
Code Number	MK100		Ratio	1:2.5	

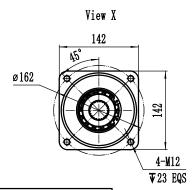


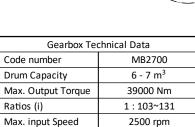












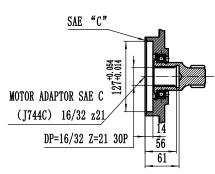
Use oil according to following normes: SAE 85W90/ API GL4 GL5

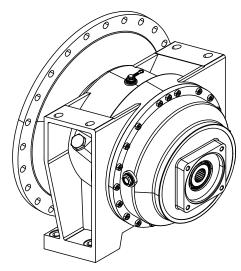
Oil Quantity 7 lt ±10%

Dry Weight 180 kg

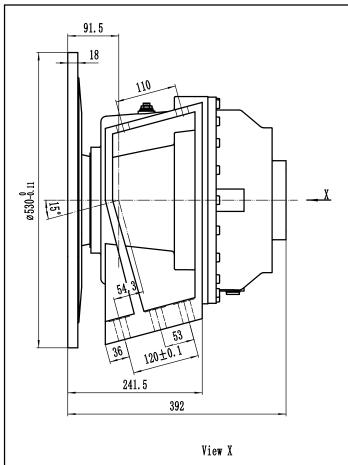
Hydraulic Motor Provided by user

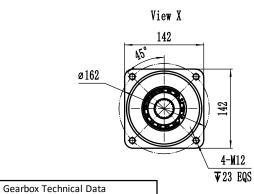










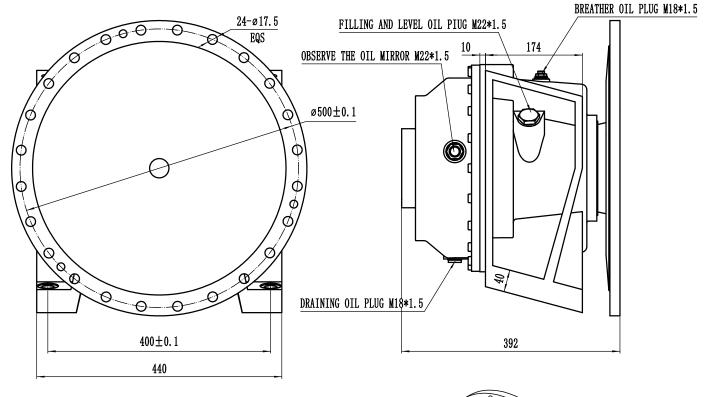


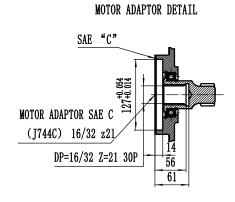
Max. Output Torque	48000 Nm		
Ratios (i)	1:133.7		
Max. input Speed	2500 rpm		
Use oil according to following normes:			
SAE 85W90/ API GL4 GL5			
Oil Quantity	7.5 lt ±10%		
Dry Weight	190 kg		
Hydraulic Motor	Provided by user		

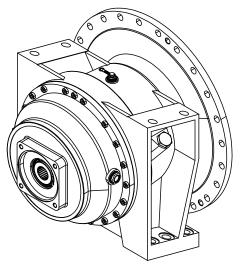
MP3300 7 - 8 m³

Code number

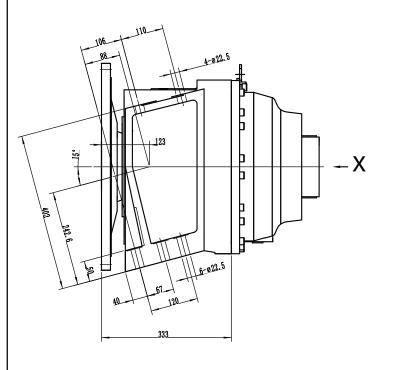
Drum Capacity

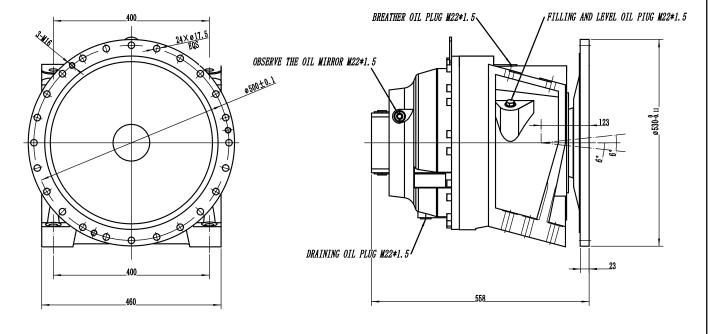


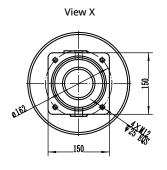


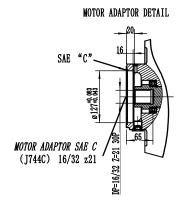


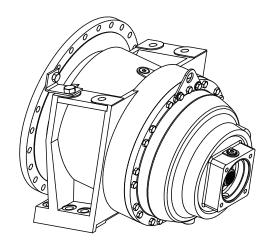












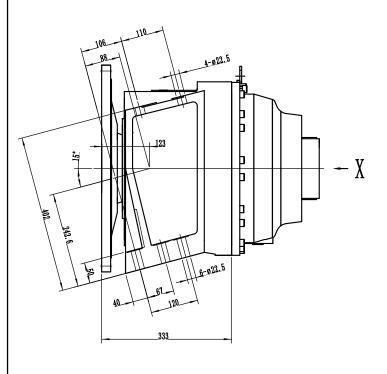
Drum Capacity	8 - 10 m ³		
Max. Output Torque	60000 Nm		
Ratios (i)	1:135.3		
Max. input Speed	2500 rpm		
Use oil according to following normes:			
SAE 85W90/ API GL4 GL5			
Oil Quantity	14 ±10%		
Dry Weight	330 kg		
Hydraulic Motor	Provided by user		

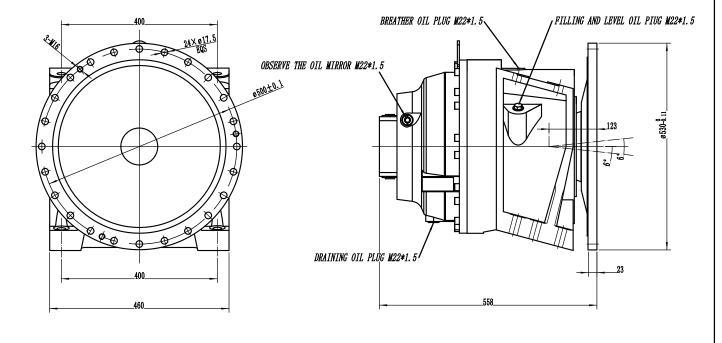
Gearbox Technical Data

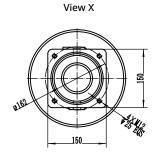
MP4300

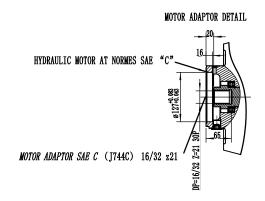
Code number











Drum Capacity	10 - 14 m³		
Max. Output Torque	70000 Nm		
Ratios (i)	1:135.3		
Max. input Speed	2500 rpm		
Use oil according to following normes:			
SAE 85W90/ API GL4 GL5			
Oil Quantity	14 ±10%		
Dry Weight	335 kg		
Hydraulic Motor	Provided by user		

Gearbox Technical Data

Code number

MP5300

