

## Site report CR 090330

### TELEBELT

Effective in XinAnJiang Hydro project, HuangShan, CHINA.

*The better Ideas...*

# Putzmeister

path:C:\Data\\_KS\\_PM-alle-extract\VM\2009\China\CR-090330-Telebelt.doc  
date 090330  
(CR=China report)

Job site report PM CHINA -Shanghai:

2009.03.30-5.30 Putzmeister TB110G at XinAnJiang Lack Side Multi Purpose Hydro Project, HuangShan City, Anhui province, China

XinAnJiang River Hydro project with total investment of 269 Million RMB, is mainly composed of lack side Multi Purpose Project. and HuangShan Dam.

The Lack side multi purpose project is the first in 10 big projects in HuangShan. This project is constructed by SinoHydro Bureau 13.

This project contain earthwork 4.8M cube meter, concrete 86,000 cube meter, steel bar 4397 Ton, steel structure install 697 Ton, Stone 1,2000 cube meter, building construction 3,266 square meter. Project term 30 months. And the project is composed by a 250m cross river dam (with 5 sections), ship lock, and 6000kw Hydro electric station.

So far the machine has served in the jobsite for 2 months during this period, the machine Telebelt 110G have very good performance.

As Telebelt can convey

any kind of concrete, it support the constructors continues pour concrete with big aggregate (the max size of stone is bigger than 10cm) and with very low slump. This kind of concrete is strong, with less heat/ less transform, in the mean time the concrete is also cheaper than normal pumpable concrete and no pumping additive is used. So using this kind of concrete really saves much on material cost.



On this jobsite, it use 8 cube meter mixer to feed the Telebelt, according to the on site time record, even to this very low slump concrete (35-50mm), the capability of clear the mixer is 3.3 minutes, equivalent to 144cube meter per hour.

As Telebelt use belt to convey concrete, it does not need very high pressure to push concrete, so the fuel consumption is also very economic, as to the average 1 liter diesel can display more than 3 cube concrete, much less than traditional pump.

On this jobsite, sometimes it needs the boom of Telebelt through the intervals of the steel bars and display concrete. As the boom of Telebelt can move very evenly and the controllability is very friendly, with the radio controller, the operator fulfill this operation with ease.



According to the feedback form the jobsite, the Telebelt TB110G is reliable and has active effect in the construction on this Lack Side Multi Purpose Hydro Project