The comparative results between Chrome corrugating roll and Tungsten carbide corrugating roll of Φ 320- Φ 325x1850 (1900)

	Chrome corrugating roll		Tungsten carbide corruagting roll
	Initial investment estimate is 75,000RMB,can run 6-8 millions long		Initial investment estimate is 170,000RMB,but it can run 18-24 millions long
	meters(paper made inland)		meters(sometimes this number can be achieved 30 millions)
1	UV flute is suitable for Chrome corrugating rolls, but the disadvantage	1	Because of its hard wear-resistant,the Tungsten carbide corrugating roll can
	is that with the passage of time, flute tip will become bigger day by		use V flute, first, you can save more glue, second holding power is bigger than
	day,this will waste many glue everyday,and the board is also softer than		Chrome, and the board is more firm.
	normal.If use V flute, the service life will very short.		
	Because the abrasion of Chrome corrugating rolls is so big,that when	2	Using Tungsten carbide corrugating roll do not need to increase virtual height,
2	considering the high degree, we have to increase abrase height(we		because it resist the abrasion. For example MengNiu outside box pressure limit
	called it: virtual height) For example MengNiu outside box pressure		height is 4.6mm,add 0.05mm is 4.65mm,that means the T.U.R is1.45,It can
	limit height is 4.6mm,add 0.25mm is 4.85mm,that means the T.U.R is		save paper.Compairing with Chrome corrugating roll, descend 10%.
	1.55, consume so much paper.		
	You can't run narrow width usually(easily cause median sinus),	3	You can run narrow width usually if using Tungsten carbide corrugating roll.It
3	longitudinal high and low flute, medial can't stick glue, Two edge side		won't cause median sinus, and the quality of board is stabilily and can ensuring
	destroy board easily,impact on the quality of board		straight tooth surface has been conducive to the operation.
	Lifetime short, Normally less than 6-8millions long meters. The height it	4	Quality assurance 18-24million long meters, lifetime is 3 times of Chrome
4	is on use is 4.8mm, when it's replaced the height maybe 4.4mm or even		corrugating roll,if the qualigy of board is stable and the rate of sediment is
4	lower, and at the cost of waste virtual height(0.2mm) everyday to		low,it can be used for 30million long meters.and the height is 4.6mm when it is
	achieved using time.		on use and the same when it is repair,no change!
	If Chrome corrugating roll lifetime want to be 18-24 millions,It must	5	As long as the bearings are better, keep the state of ubricating,in the customer
	refurbish for 3 times, and everytime it can return to use for 6-8 millions,		base of Dasong company, Shenjiang paper, Shanying company in HangZhou,
5	the cost is 75,000+15,000(refurbish price)x3=120,000RMB, and you		Wangwang company in Changsha, Wangda company in Shenzhen are all
	should also consider installation cost for 3 times		running over 80million long meters.(till 20-10-2007 Shanying company A flute
			is running over 100million long meters,that is for only one pair rolls.)

6	Now you should think it is still cheaper then Tungsten carbide corrugating rolls,that is wrong!Because you are wasting virtual height everyday,Just as MengNiu,T.U.R=1.55,it is too waste,and you cost is more then 120,000RMB	6	Using Tungsten carbide corrugating roll the height is 4.65mm the T.U.R. is 1.45,that is lass then Chrome corrugating roll for 0.10mm,that means you can save 10% every hundred meters.
7	The element of refurbished Chrome corrugating roll is deep excavation outside circle of root. That will reduce outside circle and pitch, and increase T.U.R, so the price of refurbish is increasing T.U.R., now you have to pay more for thr board then using Tungsten carbide corrugating roll.	7	Tungsten carbide will not hurt the basis of the roll, only the coating abrasion. Do not take into account the changes in T.U.R,it is nearly not change.
8	Integrated on 6, 7,you can find the cost of Chrome is more than Tungsten carbide.	8	Constant of the height and the T.U.R., Let you know the answer to calculate long-term business planning arrangements.
9	The Chrome corrugating roll will be scrapped when it refurbished for 3 times, you have to use new rolls that cost 75,000RMB, so the initial investment estimate is 120,000+75,000=195,000RMB, is more than Tungsten carbide corrugating roll	9	Right now,if you are using Tungsten carbide corrugating roll,you do not need input anymore, continue to play its advantage.
10	When the rolls refurbished, the Chrome corrugating roll median sinus is incidencing pressure roll, glue roll and doctor roll, in order to maintain flat cardboard, it is necessary to repair them, You will put the cost of 4,500+4,000+2,000=10,000RMB,3 times is 30.000RMB,so the total cost is 195,000+30,000=225,000 RMB it is far more then Tungsten carbide corrugating rolls	10	Because the Tungsten carbide won't cause median sinus, you do not to consider the refurbishment of pressure roll, glue roll and doctor roll, you do not need to input 30.000RMB for it. Now as 3 times of lifttime of Chrome corrugating roll, Inputs do not have to repeat a single penny
	The above calculation, it is easy to see that the use of the same in both the length of the agreement, the investment of Chrome will be greater than Tungten carbide. Using Tungten carbide corrugating roll can save invisible input and paper low rate, make you understand the cost of the remaining inputs sufficient to recover the cost of you using it.		