AGICO

Supply professional peanut

machinery meeting global needs of peanut processing.

Manual of wet peanut peeling machine

**I.Principle Of Working** 

Put the permeate materials into the hopper/feeder, after the shocking, the raw

materials enter three dynamic fixed rotating rubber tire roller, through induction of

the feed round of the role, the scarfskin of raw materials will be carved by the blade

of knife rest, and then the material without skin will be peeled and pressed in to exit

hopper by roller, and discharge, at one time, the skin also be rejected and send

out by the roller of releases.

**II.Installs And Tests** 

On level ground, connected and fixed foot bolt of the equipment. After adjust the

huller lock the four feet wheel.

Accord to requirement of electromotor, connected electrical source, then opened

moment Switch for checking whether the direction of rotation is correct (the

direction of rotation is accord to big wheel of V-belt). Opened switch after all is ok

and watered, let machine to run for five minutes, then start to processing material.

(Please mind to run wheel several circles by hands after machine be stored for long

time, then start to work)

III.Main techno-parameter

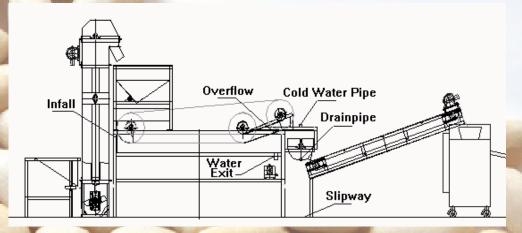
Item	peanut kernel	Almond kernel	Horse bean	Soybeans
Capacity ( kg/h )	200-220	200-220	300	150
Rate of decorticate (%)	98±1	92-95	92-95	92±1
Rate of Imperfect	3±1	3±1	3±1	2
Rate of intact (%)	85-95	88±2	76±2	
Power			0.75KW ( 220V	/、380V Anyone)
Size	Length* width* High=1080*1000*1100 ( mm )			

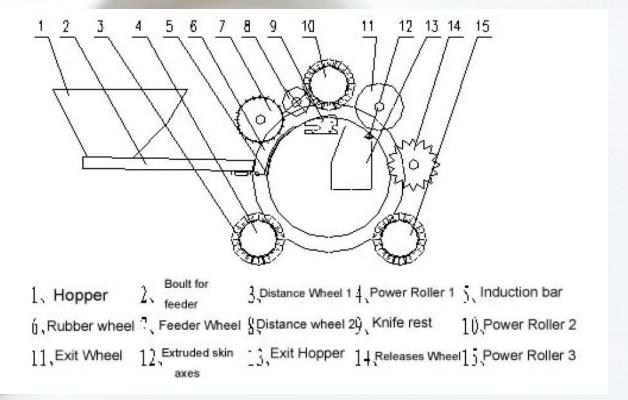
## **IV.Notice**

- 1, Forbid reversion
- 2. It is necessary all equipments have earth line
- 3. Before new machine working, please inspect and tighten all screws in per parts.
- 4. Please append grease for axletree every week.
- 5. Please clean machine after using, and keep clearning.

Remark: please buy more decorticate machines if all is normal, but the capacity still

is not enough. Remark: Parts sketch map of decorticate machine





## V. Analyzes and Remove of Malfunction

Phenomenon	Causation	Remove Method
	1、Marinate time is	Pay more atterntion the
	short,the water's	time, contral the water's
	temperature is lower,the	temperature.
	raw material type had	
	difference.	
	2. Blade was damage or	Instead blade、clearing
Peeled rate lower	around the knife rest	bean skin and sundried
	blocked	between the knife rest
		and rubber wheel

highly(that is the space is so far between the blade and skin, rice, bean. And the blade couldn't incise them.)  4. The exit wheel had bigger clearance or the tire had catch severe abrasion  It has many rice, kernels, bean in skin will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean with skin after peeled leaved rubber wheel's contract between exit wheel to and rubber wheel.  The releases wheel didn't control, regulate releases to low wheel.  The releases wheel didn't control, regulate releases to low, regulate releases wheel didn't control, regulate releases wheel wheel.	4.00.000		
so far between the blade and skin, rice, bean. And the blade couldn't incise fixed the knife rest's bold them.)  4. The exit wheel had tire had catch severe abrasion  It has many rice, kernels, bean in skin will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean in skin will be added space between exit wheel so low, extruded skin axes  It has many rice, kernels, bean with skin after extruded skin axes will be leaved rubber wheel's contract between exit wheel to higher, let it has good contract between exit wheel to and rubber wheel, exit wheel  The releases wheel didn't Control, regulate releases running or destroyed wheel		3. The feeder wheel is	Change the feeder wheel
and skin, rice, bean. And has about 4-6mm from the blade couldn' t incise fixed the knife rest' s bold them.)  4. The exit wheel had bigger clearance or the tire had catch severe abrasion  It has many rice, kernels, bean in skin will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean with skin after extruded skin axes will be leaved rubber wheel' s contract between exit wheel to higher, let it has good leaved rubber wheel' s contract between exit wheel to and rubber wheel, exit wheel  The releases wheel didn' t Control, regulate releases running or destroyed wheel		highly(that is the space is	to lower or regulate the
the blade couldn't incise them.)  4. The exit wheel had bigger clearance or the tire had catch severe abrasion  It has many rice, kernels, bean in skin  If exit wheel so highly, it will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean with skin after peeled  If exit wheel so low, extruded skin axes will be leaved rubber wheel's contract between exit wheel to and rubber wheel, exit wheel  The releases wheel didn't Control, regulate releases running or destroyed  Wheel		so far between the blade	knife rest's highness(it
them.)  4. The exit wheel had Regulate the clearance, bigger clearance or the tire had catch severe wheel.  It has many rice, kernels, will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean in skin  If exit wheel so highly, it Remove exit wheel to low extruded skin axes  It has many rice, kernels, bean with skin after extruded skin axes will be higher, let it has good leaved rubber wheel' s contract between exit wheel to and rubber wheel, exit wheel  The releases wheel didn't Control, regulate releases running or destroyed wheel		and skin, rice, bean. And	has about 4-6mm from
4. The exit wheel had bigger clearance or the tire had catch severe wheel.  It has many rice, kernels, bean in skin will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean with skin after extruded skin axes will be leaved rubber wheel' s contract between exit wheel to and rubber wheel, exit wheel  The releases wheel didn' t control, regulate releases running or destroyed wheel		the blade couldn't incise	fixed the knife rest's bolt
bigger clearance or the tire had catch severe wheel.  It has many rice, kernels, If exit wheel so highly, it bean in skin will be added space between exit wheel and extruded skin axes  It has many rice, kernels, If exit wheel so low, extruded skin axes  It has many rice, kernels, bean with skin after extruded skin axes will be leaved rubber wheel' s inner ring wheel to and rubber wheel, exit wheel  The releases wheel didn't Control, regulate releases running or destroyed wheel		them.)	to rubber wheel.)
tire had catch severe abrasion  It has many rice, kernels, bean in skin will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean with skin after extruded skin axes will be leaved rubber wheel's contract between exit wheel to higher, let it has good contract between exit wheel to higher, let it has good contract between exit wheel to higher, let it has good contract between exit wheel to and rubber wheel, exit wheel  The releases wheel didn't control, regulate releases wheel didn't control, regulate releases wheel		4. The exit wheel had	Regulate the clearance,
abrasion  It has many rice, kernels, bean in skin  will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean with skin after  peeled  leaved rubber wheel' s inner ring  wheel to and rubber wheel, exit wheel  The releases wheel didn' t  Control, regulate releases running or destroyed  wheel		bigger clearance or the	and change new rubber
It has many rice, kernels, bean in skin  will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean with skin after peeled  leaved rubber wheel' s inner ring  wheel to and rubber wheel, exit wheel  The releases wheel didn' t  running or destroyed  Remove exit wheel to low extruded skin axes  Remove exit wheel to low extruded skin axes  and let it keep close to extruded skin axes  extruded skin axes  contract between exit wheel to and rubber wheel, exit wheel		tire had catch severe	wheel.
bean in skin  will be added space between exit wheel and extruded skin axes  It has many rice, kernels, bean with skin after  peeled  leaved rubber wheel' s inner ring  wheel to and rubber wheel, exit wheel  The releases wheel didn' t running or destroyed  wheel		abrasion	
between exit wheel and extruded skin axes  It has many rice, kernels,  If exit wheel so low,  bean with skin after  extruded skin axes will be leaved rubber wheel' s  inner ring  wheel to and rubber  wheel, exit wheel  The releases wheel didn' t  running or destroyed  wheel	It has many rice, kernels,	If exit wheel so highly, it	Remove exit wheel to low,
extruded skin axes  It has many rice, kernels,  bean with skin after  extruded skin axes will be  higher, let it has good  leaved rubber wheel' s  inner ring  wheel to and rubber  wheel, exit wheel  The releases wheel didn' t  control, regulate releases  running or destroyed  wheel	bean in skin	will be added space	and let it keep close to
It has many rice, kernels,  bean with skin after  peeled  leaved rubber wheel' s  inner ring  wheel to and rubber  wheel, exit wheel  The releases wheel didn' t  running or destroyed  Remove exit wheel to  higher, let it has good  contract between exit  wheel to and rubber  wheel, exit wheel		between exit wheel and	extruded skin axes
bean with skin after  peeled  leaved rubber wheel' s  inner ring  wheel to and rubber  wheel, exit wheel  The releases wheel didn' t  running or destroyed  wheel  wheel		extruded skin axes	
peeled leaved rubber wheel' s contract between exit wheel to and rubber wheel, exit wheel  The releases wheel didn' t Control, regulate releases wheel wheel wheel wheel control contr	It has many rice, kernels,	If exit wheel so low,	Remove exit wheel to
inner ring wheel to and rubber wheel, exit wheel  The releases wheel didn't Control, regulate releases running or destroyed wheel	bean with skin after	extruded skin axes will be	higher, let it has good
wheel, exit wheel  The releases wheel didn't Control, regulate releases wheel wheel	peeled	leaved rubber wheel' s	contract between exit
The releases wheel didn't Control, regulate releases running or destroyed wheel	The state of the s	inner ring	wheel to and rubber
running or destroyed wheel		2/1	wheel, exit wheel
		The releases wheel didn' t	Control, regulate releases
The releases wheel had   Install the chain again		running or destroyed	wheel
The releases wheel had a mistall the chall again		The releases wheel had	Install the chain again

	wrong running after	
	install chain	
It has many rice,kernels	If break off induction bar	Change or regulate
and bean with skin in it	or the radian of break off	STORY AND A
from the feeder water	didn' t agree with rubber	
hopper.	wheel	
	The raw material had	The raw material must be
	difference size	classificated
	The Both sides block	Change block plate
	plate of boult for feeder	
	and rubber wheel is so	
	low	
It has many broken and	The time of marinate	The time of marinate need
halves grain's rate of rice,	exceed technical regulate	according to technical
kernels and bean after	about the raw material	regulate
peeled	(the time is so long)	
The rice, kernels and bean	The Feeder quantity is	Control feeder quantity
would be swing from tire	much	
s outside ring	PA	
It has so slowly speed	Fixed part under boult for	Inspection, fixation,
when the raw material via	feeder was become	maintain and change
boult for feeder or exit	flexible	rubber sheath

hopper for skin

The commutate was
rupture

shock absorption sheath
had heavy abrasion or so
tighten



## Capacity:600kg/hr



Capacity: 600kg/hr



Capacity:200kg/hr



Capacity:250kg/hr

Tag:Peanut Machine-Peanut Wet Peeling Machine, Peanut Peeler