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KMC

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# PEANUT HARVESTING EQUIPMENT









# PEANUT COMBINE 3384 & 3386

## FEATURES

- LARGE BASKET (SIX ROW ONLY)
  - 7500 LB CAPACITY- DUMP LESS FREQUENTLY
  - HYDRAULIC FOLD OUT LIP
  - ADDITIONAL CLEANING SCREEN FOR REMOVING SOIL
  - 12 INCH HIGHER PIVOT POINT- PROVIDES CAPABILITY TO LOAD MORE PEANUTS IN THE DUMP CART
  - 6000 LB BASKET- OPTIONAL
- HIGH CAPACITY HEADER TO HANDLE HEAVY VINES
  & TWIN ROW PEANUTS
  - SMOOTH CONSISTENT VINE FLOW
  - SMALL DIAMETER PICK-UP REEL FOR GENTLE PICK UP
  - LARGE DIAMETER AUGER- PROVIDES ADDITIONAL CAPACITY TO GENTLY HANDLE LARGER VINES FOR HIGH YIELDING VARIETIES; THICK FLIGHTING FOR INCREASED AUGER LIFE
  - HEXAGONAL HEADER ROLLER FOR IMPROVED VINE FEED-RETRO FITS AVAILABLE
- INCREASED AIRLIFT CAPACITY FOR HIGH YIELDING VARIETIES
  - STANDARD 12 BLADE, BOLT TOGETHER FAN
  - LARGE AIR LIFT FAN SHAFT
- SLIDE-UP LADDER FOR EASY STORAGE
- · QUALITY STEMMER SAWS FOR HANDLING HIGH YIELDING PEANUTS









	4 Row	6 Row	
Machine Length	338"	3-Ton: 338"/ 3 ¾-Ton: 338"	
Machine Height	155"	3-Ton: 165"/ 3 ¾-Ton: 187"	
Header Widths	4 x 36: 142"/ 4 x 40: 158"	6 x 30: 182"/ 6 x 36: 222" 6 x 40/8 x 30: 238"	
Wheel Base (CL/Outside)	133"/ 151"	161"/ 188"	
Tire Size	18.4 x 28 ATU R4	28L x 26 SAT 23° R1	
Tire Inflation	36 P.S.I.	20 P.S.I.	
Tank Capacity	324 cu ft (260 bushels)/ 6,000 lbs	405 cu ft (325 bushels)/ 7,500 lbs	
Hitch	Stationary tractor drawbar types	Stationary tractor drawbar types	
Pickup Reel	Low profile, 5-bar, camless	Low profile, 5-bar, camless	
Threshing System	7 cylinders, 8 stripper bars (individually adjusted), floating concaves under 4 rear cylinders	7 cylinders, 8 stripper bars (individually adjusted), floating concaves under 4 rear cylinders	
Driveline	1000 RPM driveline, safety shielded	1000 RPM driveline, safety shielded	
3-Ton Tank	Standard	Optional	
3 ¾ Tank (6 Row Only)	N/A	Standard	
Hexagonal Header Roller	Standard	Standard	
Vine Spreaders	Optional	Optional	
HP Requirement	160	160	



For the ultimate fast, NON-STOP peanut harvesting experience, be sure and check out our Unload-On-The-Go Combine. \*\*Take home a free brochure today!

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## FEATURING:



## **OPTIONS:**

#### **1**•CAMERA SYSTEM

- MAGNETICALLY MOUNTED
- Allows you to easily monitor your harvest without having to turn around in your seat
- CAN BE ADJUSTED SO YOU CAN SEE TRAFFIC BEHIND YOU WHEN TRANSPORTING COMBINE DOWN THE ROAD

#### **2**•HEADER PICKUP REEL MONITOR

- ALLOWS THE OPERATOR TO EASILY MATCH HEADER REEL SPEED WITH GROUND SPEED

#### **3**•AIRLIFT FAN ACTUATOR

- Allows the operator to easily adjust the airlift fan from the tractor cab



# Lower your LSK rates with the KMC Peanut Combine!

WHEN PROPERLY MAINTAINED AND ADJUSTED, THE KMC PEANUT COMBINE IS CAPABLE OF PICKING PEANUTS WITH AN LSK RATE FROM 0% TO 2%, DEPENDING ON CONDITIONS.

KMC	1% LSK Rate	2% LSK Rate	3% LSK Rate	4% LSK Rate
Pound per acre loss	50 pounds	100 pounds	150 pounds	200 pounds
Dollar per acre loss	\$9.00	\$18.00	\$27.00	\$36.00
Loss on 500 acres	\$4,500	\$9,000	\$13,500	\$18,000

Notes



## UNLOAD-ON-THE-GO PEANUT COMBINE



# THE ANSWER TO FAST, CONTINUOUS PEANUT HARVESTING!





- TANK RAISES HYDRAULICALLY PROVIDING EASY ACCESS TO THRESHING CYLINDERS.
- VERTICALLY FOLDING CONVEYOR ARM FOLDS COMPACTLY AGAINST THE TANK FOR STABILITY DURING TRANSPORT.
- WIDER CONVEYOR BELTS PROVIDE FAST UNLOADING.
- MORE TANK CAPACITY (3 1/4 TONS) FOR MORE EFFICIENT USE OF DUMP CARTS.
- STEEPER ANGLE ON TANK PANELS FOR BETTER OFF LOAD IN WET CONDITIONS.
- STRONGER HYDRAULIC MOTORS.



## This option is designed for 6 row models!

Two full baskets can be EMPTIED INTO THE DUMP CART VIA HYDRAULIC CONVEYOR WHICH IS CONVENIENTLY CONTROLLED FROM THE TRACTOR CAB.



# **SPECIFICATIONS**

Depth (Front-Back)	110"
Tank Width (Side-Side)	144"
Tank Height	67"
Tank Capacity	350 cu ft
Overall Conveyor Length	319"
Conveyor Arm Length	160"







ADDS SPEED, EFFICIENCY, AND COST SAVINGS TO PEANUT HARVESTING!



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# **DUMP CART FEATURES**



- OUR SPECIAL EXPANDED METAL DUMP LIP AND DIRT CATCH PAN RESULTS IN LESS SOIL BEING COLLECTED IN THE DRYER WAGON OR SEMI DURING DUMPING.
- LARGE EXPANDED METAL VIEWING PANELS ARE BUILT IN FOR IMPROVED FILLING VISIBILITY AND TRANSPORT SAFETY.



THE KMC DUMP CART WORKS GREAT WITH MANY OTHER COMMODITIES SUCH AS GRAIN, SAGE, CARROTS, AND PRODUCE!\*\*

\*\* ONLY MODELS 4810 &4825 Optional Grain Panels Available



## THE ANSWER TO FAST, CONTINUOUS PEANUT HARVESTING!



Team up with a KMC 4 or 6 row Unload-On-The-Go Combine and you've got one of the world's fastest systems for peanut harvesting. Up to two full combine loads can be emptied via hydraulic conveyor into the Dump Cart and transported to dryer wagons or semis, with no stopping or loss of time for dumping! Dumping heights up to 16'1'' allows unloading into either type of conveyance and the dump chute extends well into either for uniform loading and less spillage risk.

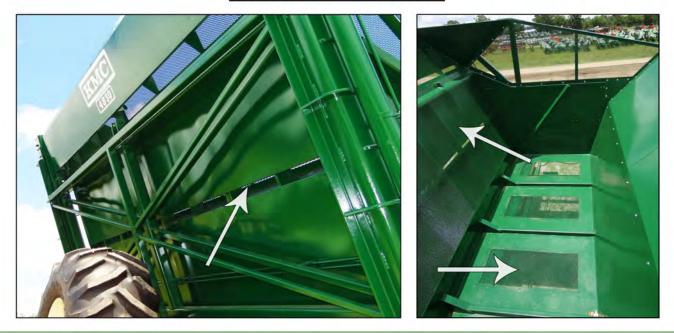




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## 4 Models Available for You to Choose From



MODELS 4830 & 4815 ARE EQUIPPED WITH ADDITIONAL CLEANING SCREENS TO FURTHER REDUCE THE AMOUNT OF SOIL COLLECTED IN WAGON OR SEMI (SEE ABOVE).

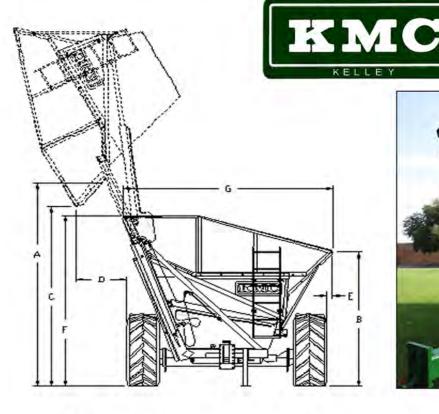






IF YOU'RE SEARCHING FOR A DUMP CART THAT YOU CAN USE NOT ONLY FOR PEANUTS, BUT ALSO FOR MANY OTHER CROPS, LOOK NO FURTHER! OUR MODELS 4810 & 4825 ARE JUST FOR YOU!!







## MODELS: / 4810 / 4815 / 4825 / 4830

Max. Capacity (Peanuts)	750 cu ft (600 bushels)	750 cu ft (600 bushels)	950 cu ft (760 bushels)	950 cu ft (760 bushels)
Max. Capacity (Grain)	18,000 lbs (300 bushels)	18,000 lbs (300 bushels)	18,000 lbs (300 bushels)	18,000 lbs (300 bushels)
A- Max. Dumping Height*	15 ft, 5 in. to 16 ft, 1 in.	15 ft, 5 in. to 16 ft, 1 in.	15 ft, 5 in.	15 ft, 5 in.
B- Loading Height*	9 ft, 4 in. to 10 ft	9 ft, 4 in. to 10 ft	9 ft, 4 in.	9 ft, 4 in.
C- Max. Dump Lip Height	14 ft, 2 in. to 14 ft, 10 in.	14 ft, 2 in. to 14 ft, 10 in.	14 ft, 2 in.	14 ft, 2 in.
D- Max. Dump Lip Clearance	3 ft, 4 in.	3 ft, 4 in.	3 ft, 3 in.	3 ft, 3 in.
E- Fill Lip Overhang	3.75 in.	3.75 in.	3.75 in.	3.75 in.
F- Transport Height*	11 ft, 4 in. to 12 ft	11 ft, 4 in. to 12 ft	11 ft, 4 in.	11 ft, 4 in.
G-Transport Width	12 ft, 8 in.	12 ft, 8 in.	12 ft, 8 in.	12 ft, 8 in.
Tire Size	23.1-26 10 ply cleated	23.1-2610 ply cleated	23.1-26 10 ply cleated	23.1- 26 10 ply cleated
Wheel Base (Center- Center)	10 ft, 3 in.	10 ft, 3 in.	10 ft, 4 in.	10 ft, 4 in.
Wheel Base (Outside- Outside)	12 ft, 3 in.	12 ft, 3 in.	12 ft, 4 in.	12 ft, 4 in.
Overall Length	21 ft	21 ft	24 ft	24 ft
Shipping Weight	10,325 lbs	10,725 lbs	12,400 lbs	12,900 lbs

\*Heights depend on wheel spindle position (adjustable in 4" increments).

\*DIMENSIONS ARE FOR PEANUT PANELS. CONSULT KMC ENGINEERING FOR DIMENSIONS WITH OTHER PANELS.





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# DIGGER SHAKER INVERTER 2, 4, 6, & 8 Row Models



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# **KMC DIGGER SHAKER INVERTERS:**

## **DESIGNED WITH QUALITY AND EXCELLENCE TO HELP YOU INCREASE YOUR PEANUT PROFITS!**

LEGENDARY KMC INVERTERS HELP BOOST PEANUT PROFITS BY DELIVERING A SUPERIOR HARVESTING JOB THAT PAYS OFF IN REDUCED LOSSES AND BETTER CROP QUALITY.

#### HIGH QUALITY INVERTING

- VINES ARE INVERTED INTO TIGHT, COMPACT, ERECT WINDROWS THAT CURE UNIFORMLY AND FEED EASIER INTO THE COMBINE.
- TALLER HEIGHT OF WINDROWS HELPS KEEP PEANUTS OFF THE GROUND DURING EXTENDED RAINY WEATHER TO PRESERVE QUALITY AND PREVENT LOSS.
- NARROW WIDTH OF WINDROWS PROVIDES SPACE FOR TRACTOR TIRES TO TRAVEL IN WITHOUT RUNNING OVER VINES AND KNOCKING OFF PEANUTS.

#### CLEANER WINDROWS

- Adjustable dirt knocker wheels remove soil, rocks, and other foreign material from vines.
- OPEN DESIGN OF INVERTER DRUMS LETS ADDITIONAL DEBRIS SIFT THROUGH.

#### GENTLE, EASY OPERATION

- ADJUSTABLE, SWIVEL STYLE COULTERS CUT THE VINES IN ROW MIDDLES TO BEGIN THE PROCESS.
- BLADES UNDERCUT THE NUTS AND LIFTER RODS TRANSFER THE VINES AND NUTS TO THE SHAKER/CONVEYOR WHERE EXCESS DIRT IS REMOVED BY KNOCKER WHEELS UNDERNEATH THE CONVEYOR.
- VINE HOLD-DOWN RODS PREVENT "ROLL-BACK" ON THE CONVEYOR.
- VINES AND NUTS ARE TRANSFERED SMOOTHLY FROM THE CONVEYOR TO THE OPEN INVERTER DRUMS WHICH ALLOW FOR ADDITIONAL DIRT AND FOREIGN MATERIAL REMOVAL.
- INVERTING DRUMS AND VINE GUIDE RODS TURN THE NUTS UP AND THE VINES DOWN TO FORM TALL TIGHT WINDROWS TO PRESERVE
  NUT QUALITY DURING THE DRYING PROCESS AND PROVIDE FOR EFFICIENT COMBINING.

#### LOW MAINTENANCE, REPAIR EXPENSE

- DESIGNED FOR EASIER MAINTENANCE.
- WINDROW SECTIONS EASILY DETACH FROM MAIN FRAME PROVIDING CONVENIENT MAINTENANCE.
- EASY ACCESS TO INVERTER CHAIN DRIVE FOR INSPECTION AND ADJUSTMENT.
- DURABLE RESIDUE COULTERS EASILY CONVERT FROM RIGID TO SWIVEL ACCORDING TO CUSTOMER PREFERENCE.
- Swivel style coulters require less maintenance and provide improved vine flow in the center of digger.
- QUICK CONVERSION BETWEEN CHAIN AND BELT STYLE CONVEYORS.
- High quality bearings, sprockets, and other drive components mean less downtime and repair expense.

#### MODELS

CHAIN OR BELTED CONVEYOR HYRAULIC DRIVE MODELS.

# AVAILABLE IN 2, 4, 6, & 8 ROW MODELS



2 ROW: POPULAR CHOICE OF SMALL TO MEDIUM ACREAGE PRODUCERS.



4 ROW: MORE DIGGING CAPACITY THAN 2-ROW MODEL WITH NEW DESIGN IMPROVEMENTS FOR BETTER PERFORMANCE.



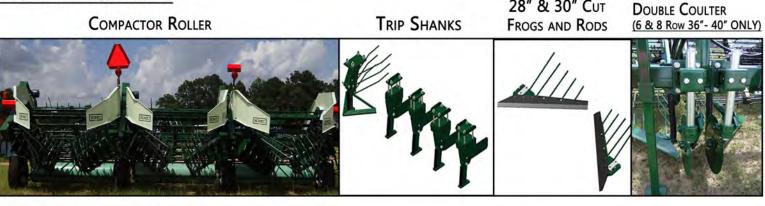
6 ROW: FAVORITE OF 6-ROW GROWERS WHO WANT TO HARVEST FASTER WITH REDUCED LABOR, TRACTOR, AND FUEL EXPENSE. UTILIZES HARD TRACTOR WHEEL MIDDLES FORMED DURING PLANTING, ALLOWING ALL SIX ROWS TO BE INVERTED UNIFORMLY AND SPACED EVENLY. \*Belted model shown WITH OPTIONAL DOUBLE COULTER.



8 ROW: MAXIMUM CAPACITY DIGGING. ALLOWS EIGHT ROWS TO BE INVERTED UNIFORMLY AND SPACED EVENLY. \*Belted model shown.

28" & 30" CUT

### **AVAILABLE OPTIONS:**





CONVEYOR SHAFT SPEED SENSOR ALLOWS OPERATOR TO EASILY MATCH GROUND SPEED WITH CONVEYOR SPEED FROM THE TRACTOR SEAT. STANDARD ON ALL RIGID MODEL DIGGER SHAKER INVERTERS.



## **REQUIREMENTS & DIMENSIONS**

#### **REQUIREMENTS:**

2 Row: CAT II HITCH/QUICK HITCH OR CAT IIIN QUICK HITCH

4 Row: CAT II, IIIN OR III HITCH/QUICK HITCH

6 Row: CAT IIIN OR III HITCH/QUICK HITCH

8 Row: CAT IIIN OR III HITCH/QUICK HITCH

All models: 18 gallons per minute hydraulic capacity minimum, tractor must have a hydraulic connection that returns hydraulic fluid directly back to the tank

#### DIMENSIONS:

Model	# of	Row	Weight	HP	Conveyor	Overall	Overall	Overall
	Rows	Spacing	(lbs.)	Required	Width	Width	Height	Length
2R	2	30"-40"	2,300	80-90	63″	86 1/2"	86"	153 3/4"
4-30	4	30"-31"	4,480	130-140	52 1/2"	138 3⁄4″	86″	160″
4R (36-38)	4	36"-38"	4,530	130-140	63"	159 3⁄4"	86"	160"
4-40	4	40"	4,600	130-140	63″	166 1/2"	86″	160"
6-30	6	30"-31"	6,520	165 up	52 1/2"	200 3⁄4"	91″	160″
6-36	6	36"	6,560	165 up	63″	230 3/4"	91″	160"
6-38	6	38″	6,600	165 up	63″	238 3⁄4″	91"	160"
6-40	6	40″	6,650	165 up	63″	246 1/2"	91″	160"
8-30	8	30"-31"	8,200	180 up	52 1/2"	262 3/4"	91″	170″
8-36	8	36″	8,380	180 up	63″	303 3⁄4"	91″	160″
8-38	8	38″	8,400	180 up	63″	314 1/2"	91″	160"
8-40	8	40″	8,450	180 up	63"	326 1/2"	91″	160"

#### BELTED MODEL WITH VINE HOLD DOWN RODS



VINE HOLD DOWN RODS: STANDARD- 2 PER WINDROW CHAIN MODEL WITH VINE HOLD DOWN RODS



EACH WINDROW IS INDIVIDUALLY POWERED BY IT'S OWN HYDRAULIC MOTOR (ON BOTH MODELS).

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# FOLDING DIGGER SHAKER INVERTER

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# **REQUIREMENTS & DIMENSIONS**

## **R**EQUIREMENTS:

8 ROW FLAT FOLD (8RFF): CAT III OR CAT IV NARROW QUICK HITCH

18 gallons per minute hydraulic capacity minimum, tractor must have a hydraulic connection that returns hydraulic fluid directly back to the tank

## DIMENSIONS:

Model	# of Rows	Row Spacing	Weight (lbs.)	HP Required	Conveyor Width	Overall Width	Overall Height	Overall Length
8RFF (Flat Fold)	8	36"-38"	13,500	225+	63″	170" (folded) 315" (unfolded)	130" (folded, unhitched) 156" (folded, transport)	240" (parked with helper wheels)
	1							11-
	17	4						
1								



# FLEX DIGGER Shaker Inverter

KMC

DESIGNED FOR ROUGH AND ROLLING TERRAIN!

AVAILABLE IN 4 & 6 ROW MODELS 36-38 INCH ROW SPACING



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Planting peanuts in rolling land with parallel terraces was a problem for Mr. Harold Shivers of Ashburn, Georgia. He uses a rigid 6 row KMC Digger Shaker Inverter for most of his peanut crop, but the areas that are uneven terrain require special attention. In the past he has used a 2 row KMC Digger Shaker Inverter for the terraced areas.



Recently, Mr. Shivers put the new KMC Flex Digger Shaker Inverter to the test, running it over his terraced land. He states, "the windrows look better than expected, the new Flex is doing a better job than the two row inverter. I can do three times the work now. This definitely presents a solution to digging in strip-tilled peanuts".



Mr. Bill Bullock from Midland City, Alabama had a "very enjoyable year of plowing up peanuts" thanks to the FLEX Digger Shaker Inverter. He also gives the FLEX credit for saving him overhead expenses, stating "it saved me two tractors and two men. At least \$1.05 per acre in fuel cost". After plowing up 1000 acres in peanuts this year, Mr. Bullock was pleased that he could take the ground with hard, dry dirt with the FLEX Digger Shaker Inverter, whereas neighboring farmers with rigid models were not able to plow.



MR. BILL BULLOCK MIDLAND CITY, AL



## PERFECT FOR STRIP TILL

Each section moves independently maintaining a more consistent blade depth.



# VINE CONDITIONER





Reshaking with the vine conditioner gets excess soil out, thereby keeping excess soil from going through the combine and into the basket.

SPECIFICATIONS	6-ROW FOLDING	6-ROW RIGID (30")
Approximate Weight	2,250 LBS	2000 LBS
Required Horsepower	25 - 50 HP	25-50 HP
PTO Speed	540 - 1000 RPM	540-1000 RPM
Overall Width	226" unfolded (138" folded)	186"
Height	41" unfolded (106" folded)	41"
Length	71"	71"
Hitch	Cat II, III, Cat III & IIIN Quick Hitch	Cat II, III, Cat III & IIIN Quick Hitch

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## FEATURES:

- Folds compactly with standard 8" hydraulic cylinders for convenience (Folding Only).
- Equipped with safety transport straps.
- Belt drive for smooth, quiet operation. PTO and other drive train components shielded for safety.
- SLIP CLUTCH PROTECTED (FOLDING ONLY).
- Small diameter pickup rollers and long 13-bar (64" wide) chain drive rattler bars for gentler lifting, better soil and rock removal.
- Sloped pickup teeth designed to minimize wrapping without reducing pickup efficiency.
- HANDLES SIX 36", OR 38" ROWS (FOLDING ONLY).
- Optional dirt knocker kit for greater soil and rock removal.
- WINGS FLOAT FOR A BETTER JOB ON TERRACED OR UNEVEN FIELDS (FOLDING ONLY).
- STRONG, STURDY CONSTRUCTION

## THE KMC 6R-30 RIGID VINE CONDITIONER:



NOTE:

• The vine conditioner should NOT be used after a rain that has bonded vines to the soil (Check out the KMC Vine Lifter).



# VINE LIFTER



## WHEY USE THE VINE LIPPER?

- For use after a rain that has bonded vines to the soil.
- RUNNING THE BLADES ON THE VINE LIFTER UNDER THE VINES BREAKS THE BOND BETWEEN THE SOIL AND VINE THEREBY PREVENTING PEANUT LOSSES.
- FACILITATES DRYING.





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Notes

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