

# SCARAB

INTERNATIONAL



WE BUILD EXACTLY WHAT YOU NEED.



# HISTORY MAKES A DIFFERENCE.



SCARAB traces its beginnings back to the early 70's when contacted by a local feedlot to find a means for managing the manure and bedding produced by the feedlot. This gave rise to the first SCARAB composting machine.

Overcoming early obstacles and achieving financial and global marketing success earned founder Marvin Urbanczyk the *Small Business Association 1991 Texas Small Business Person of the Year Award*. In 2006 the US Composting Council awarded Marvin the *Hi Kellogg Award*. This award recognizes individuals who have left a lasting, positive impact on the US composting industry.

To fully appreciate SCARAB's machines one really needs to understand its founder's life and personality. Marvin was raised on a farm and after obtaining his degree began his own farming operation. He has worked with large equipment his entire life where he learned through experience how important good equipment is to an operation. So it's no surprise that his vision for SCARAB has always been to build a **machine that lasts, is operator proof, doesn't breakdown due to an inadequate understanding of potential stresses placed on a machine, does the job it was designed to do, does it efficiently to minimize fuel cost, and is simple to operate and maintain.**

In recent years Marvin's son, Mark Urbanczyk, has taken over the company. Mark ensures that the company remains true to the values that it was built on. This means SCARAB consistently focuses on: **quality, dependability, and longevity.** It also means that SCARAB insists to remain responsible for every step of the process - from design to assembly.

Fifty years and countless innovations later SCARAB is the world's leading manufacturer of self-propelled windrow turners with machines throughout the US and in 19 other countries. Today's innovations make SCARAB a leader in ***fuel efficiency, production capacity, reliability, and low operating costs.***



# OUR CUSTOMERS AGREE.



**"AMERICAN MADE WITH AMERICAN PARTS,**  
ALONG WITH A **GREAT PARTS MANAGER,**  
WELL, IT DOESN'T GET ANY BETTER THAN THAT."

*"Just a few words to tell you how pleased our company is with the SCARAB machine. It is hard to describe in words how well the SCARAB performs. It has been almost maintenance free with the exception of flails, which have nothing to do with performance. The belt drive offers much more power to the drum than the hydraulic system we previously had. The service has been impeccable and I would recommend the SCARAB over any other machine."*

————— HOCKEY EXPRESS COMPOST —————

*"We started making compost in 1984 using dairy manure as our raw material. We also composted a lot of cotton gin waste and some winery waste for special customers. About 15 years later we bought our 2nd SCARAB and in 2011 we bought our 3rd SCARAB; Our SCARABS have served us well—we make between 75000 and 100000 tons of compost per year so they get a good workout."*

————— CAINS TRUCKING —————

*"We have been using the SCARAB windrow turner for about 15 years. We turn compost and also heavy soil blends with our machine with excellent results. We have normal wear on drum and drum parts (flails and hangers) with virtually no trouble with the main body of this machine. On one occasion a new drum was needed and the SCARAB staff literally stopped what they were doing and made a new drum for my machine. After delivery they would contact me several times during the day following up on the installation and set up of the new drum almost as if they were right there helping us get the machine up and going as soon as possible. I have worked closely with these people over the years and have always felt like when I call them I am talking to a friend who has our best interest in mind."*

————— TEXAS DISPOSAL SYSTEMS —————

# LOWEST COST OF OWNERSHIP IS THE **SCARAB DIFFERENCE.**

- + Belt driven drums provide unmatched productivity and fuel efficiency.** SCARAB is the industry leader for belt driven drums. Belt driven drums transfer approximately 98% of their available horsepower to the motor. In comparison hydraulic driven models can be up to 35% less efficient. Choosing a belt driven drum translates into lower fuel consumption and finishing operations faster in the windrow turner. Lower labor and fuel costs saves you money. For larger composters these savings exceed the price of the machine in less than 5 years.
- + Oversized components.** SCARAB's reputation for reliability and longevity can be traced to one thing....oversized components. If you want to be certain about your choice of turners simply compare the size of our radiators, engines, drive systems, suspensions, hydraulic systems, and final drive motors to any other model...then decide.
- + Local parts and service.** Our vast network of parts and service dealers means you won't be waiting weeks for a repair and one day shipment is available on most parts. Many parts are available through local merchants.
- + Design flexibility reduces your total operating costs.** Our largest model can significantly reduce your cover and pad cost, our pad-saver option maximizes the material on your pad, and our D5 tracks insure traction in the most challenging conditions.
- + With more design options than any other manufacturer and over 50 years of experience built into every machine, SCARAB continuously tests ways to improve machine performance and support evolving needs of composters.**



AT **SCARAB**  
THERE'S NO  
SUCH THING  
AS A  
STANDARD MODEL.



Drawing from an extensive choice of turner configurations, proven components and available options, each machine is built specifically for the customer's needs. Our staff and dealers will help you optimize the turner design required for your pad composition, feedstock(s), volume of material and other considerations like use of windrow covers, desire to maximize the amount of material on your pad, indoor operation, etc.

## — DIESEL ENGINES —



CATERPILLAR



CUMMINS



JOHN DEERE

Tier IV Engines - vary in power from 80-700 HP.  
Higher horse power available.

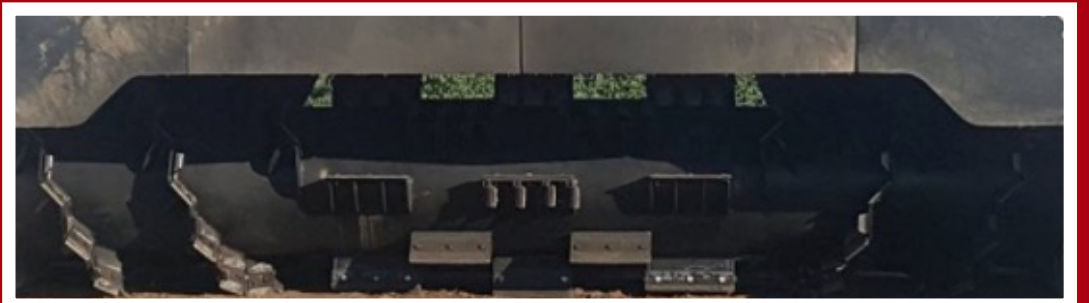
## — DRUMS —

### FLAIL



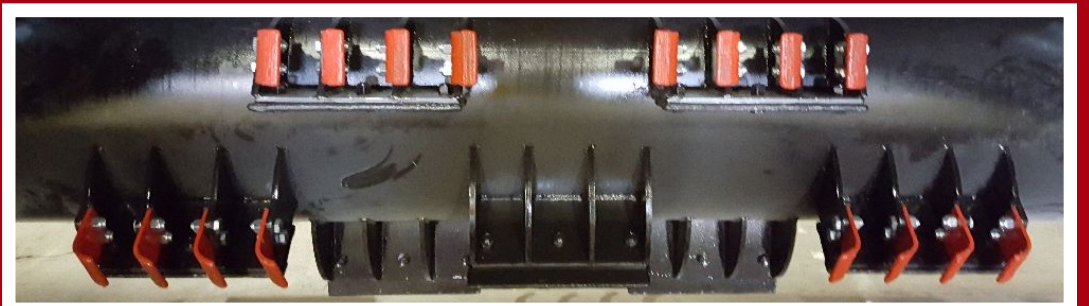
The chopping drum quickly breaks  
particle size down.

### AUGER



The drum aerates and fluffs material.

### COMBINATION: AUGER-FLAIL



A versatile drum that has the  
ability of both the auger and the  
flail drums. Adaptable.

## — DRIVE —

### TRACK



muddy conditions,  
uneven terrain,  
unimproved sites

### TIRE



dry climate,  
improved sites



## — CAB —

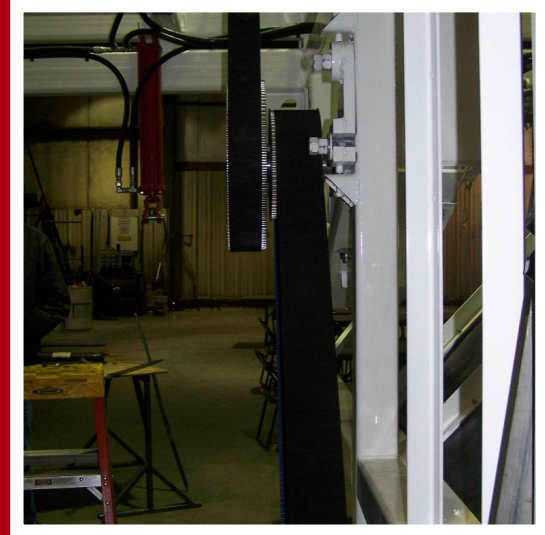
PANORAMIC CAB



CAB sits directly over windrow.

## — DRUM DRIVE —

BELT DRIVEN



Belt driven drums operate at approximately 98% efficiency.

## — TOW BEHIND —

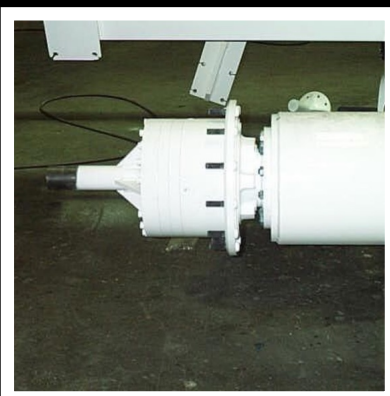
ECONOMICAL



The TOW BEHIND model is an economical option for small volumes.

## — OVERSIZED COMPONENTS —

TORQUE HUBS



RADIATOR



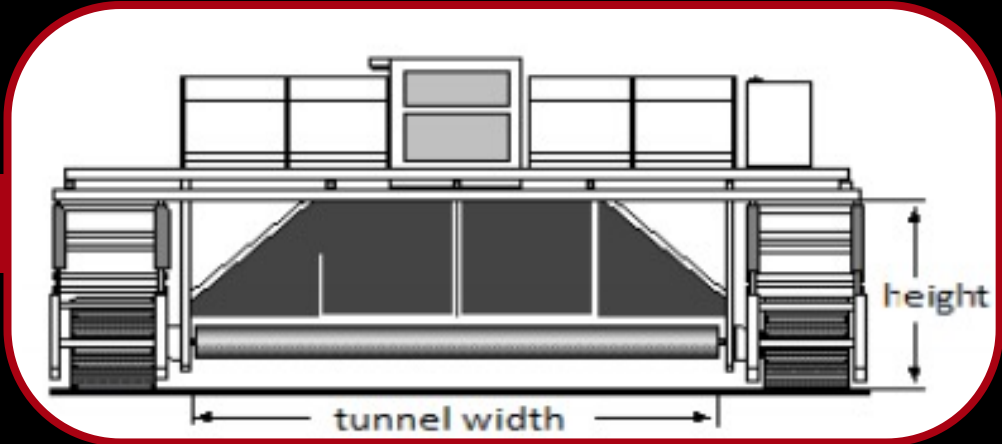
CLUTCH



Oversized parts are used to extend the longevity of the machine.



# MODEL AND DIMENSIONS



## CUSTOMARY

USA Standard	Tunnel Width feet	Tunnel Height feet	Fuel Capacity gallons	Min Operating Height-feet	Max Operating Height-feet	Cubic yards / Linear feet	Windrow Size feet - WxH
8 FT 4' TUN	8 ft	4 ft	55 gal	9' 8"	10' 8"	0.59	10' x 4'
10 FT 5' TUN	10 ft	5 ft	75 gal	10' 6"	11' 6"	0.93	12' x 5'
12 FT 5' TUN	12 ft	5 ft	75 gal	10' 6"	11' 6"	1.30	14' x 5'
12 FT 6' TUN	12 ft	6 ft	150 gal	10' 6"	11' 6"	1.30	14' x 6'
14 FT 6' TUN	14 ft	6 ft	225 gal	11' 10"	12' 10"	1.78	16' x 6'
14 FT 7' TUN	14 ft	7 ft	225 gal	11' 10"	12' 10"	1.78	16' x 7'
16 FT 7' TUN	16 ft	7 ft	225 gal	12' 5"	13' 5"	2.33	18' x 7'
16 FT 8' TUN	16 ft	8 ft	225 gal	13' 5"	14' 5"	2.37	18' x 8'
18 FT 7' TUN	18 ft	7 ft	225 gal	12' 5"	13' 5"	2.85	20' x 7'
18 FT 8' TUN	18 ft	8 ft	225 gal	13' 5"	14' 5"	2.96	20' x 8'
20 FT 7' TUN	20 ft	7 ft	225 gal	12' 5"	13' 5"	3.37	22' x 7'
20 FT 8' TUN	20 ft	8 ft	225 gal	13' 5"	14' 5"	3.56	22' x 8'
22 FT 7' TUN	22 ft	7 ft	225 gal	12' 5"	13' 5"	3.89	24' x 7'
22 FT 8' TUN	22 ft	8 ft	225 gal	13' 5"	14' 5"	4.15	24' x 8'
24 FT 7' TUN	24 ft	7 ft	225 gal	12' 5"	13' 5"	4.41	26' x 7'
24 FT 8' TUN	24 ft	8 ft	225 gal	13' 5"	14' 5"	4.74	26' x 8'
24 FT 10' TUN	24 ft	10 ft	225 gal	15' 5"	16' 5"	5.19	26' x 10'
27 FT 11' TUN	27 ft	11 ft	225 gal	17' 2"	18' 2"	6.52	29' x 11'

## METRIC

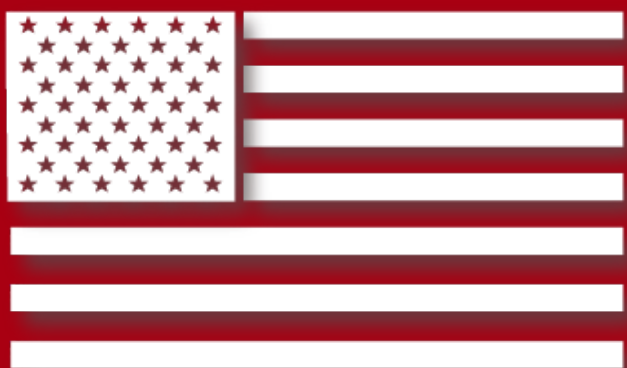
METRIC	Tunnel Width meters	Tunnel Height meters	Fuel Capacity liters	Min Operating Height-meters	Max Operating Height-meters	Cubic meters / Linear meters	Windrow Size meters - WxH
8 FT 4' TUN	2.4384m	1.2192m	208.19755L	2.94639m	3.2512m	0.453125m	3.0484x1.2192m
10 FT 5' TUN	3.048m	1.524m	283.90575L	3.20039m	3.5052m	0.71875m	3.658x1.524m
12 FT 5' TUN	3.6576m	1.524m	283.90575L	3.20039m	3.5052m	1m	4.2676x1.524m
12 FT 6' TUN	3.6576m	1.8288m	567.8115L	3.20039m	3.5052m	1m	4.2676x1.8288m
14 FT 6' TUN	4.2672m	1.8288m	851.71725L	3.6068m	3.9116m	1.359375m	4.8772x1.8288m
14 FT 7' TUN	4.2672m	2.1336m	851.71725L	3.6068m	3.9116m	1.359375m	4.8772x2.1336m
16 FT 7' TUN	4.8768m	2.1336m	851.71725L	3.78459m	4.08939m	1.78125m	5.4868x2.1336m
16 FT 8' TUN	4.8768m	2.4384m	851.71725L	4.08939m	4.942m	1.8125m	5.4868x2.4384m
18 FT 7' TUN	5.4864m	2.1336m	851.71725L	3.78459m	4.08939m	2.171875m	6.0964x2.1336m
18 FT 8' TUN	5.4864m	2.4384m	851.71725L	4.08939m	4.942m	2.265625m	6.0964x2.4384m
20 FT 7' TUN	6.096m	2.1336m	851.71725L	3.78459m	4.08939m	2.578125m	6.706x2.1336m
20 FT 8' TUN	6.096m	2.4384m	851.71725L	4.08939m	4.942m	2.71875m	6.706x2.4384m
22 FT 7' TUN	6.7056m	2.1336m	851.71725L	3.78459m	4.08939m	2.96875m	7.3156x2.1336m
22 FT 8' TUN	6.7056m	2.4384m	851.71725L	4.08939m	4.942m	3.171875m	7.3156x2.4384m
24 FT 7' TUN	7.3152m	2.1336m	851.71725L	3.78459m	4.08939m	3.375m	7.9252x2.1336m
24 FT 8' TUN	7.3152m	2.4384m	851.71725L	4.08939m	4.942m	3.625m	7.9252x2.4384m
24 FT 10' TUN	7.3152m	3.048m	851.71725L	4.699m	5.0038m	3.96875m	7.9252x3.048m
27 FT 11' TUN	8.2296m	3.3528m	851.71725L	5.2324m	5.53719m	4.984375m	8.8396x3.3528m

# SCARAB

INTERNATIONAL



AMERICAN ENGINEERED, BUILT TO LAST.



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