

Degelman

Degelman

DOOZER BLADES

79000



Since 1962, Degelman Industries has pioneered the perfect balance of engineered toughness and intelligent design. The result is outstanding equipment that exceeds expectations and outperforms. We achieve this through meticulous design and vigilant customer service. Every day, the designers in our state-of-the-art research and development facility work tirelessly to provide mounting solutions to fit the ever-growing population of tractor models and manufacturers—more than 450 models and counting. If it has our name on it, we expect nothing short of optimal performance.



Superior Cylinders.
We Manufacture Our Own.



Cylinders take a lot of extreme use—high pressure, close to the ground, minus 40°C weather, dirt, gravel, snow or ice. Top-end quality and solid cylinders are at the heart of our dozer blades. The only way we knew how to make them as durable as possible was to build them ourselves. Our cylinders aren't off-the-shelf tie-rod cylinders. We manufacture our own to industrial-strength standards at our state-of-the-art manufacturing facility. This way we know each one of them is flawless and can tailor them to each blade model for optimum performance. We don't believe in "one size fits all" thinking.



Twice The Salt Resistance.

In standardized testing, Degelman cylinders boast twice the salt spray rating of ordinary hydraulic cylinders. So, our cylinders last longer and can withstand corrosion better. Just more confirmation that our cylinders are up to the high standards we set for all Degelman products and parts.

200-Hour Corrosion Resistant Chrome.

If chrome rusts, it gets pitted and can tear the seals. To increase the lifespan of our cylinders, we choose the best induction chrome shafting available. It's the highest rated and rust resistant chrome available in the industry.



Induction-Hardened Shafts.

We start with oversized induction-hardened chrome shafting for strength. It's a premium shaft that has the hardest surface possible to resist nicks, without being brittle. This allows the shaft to be tough, but flexible enough to bend without breaking. As a result, our cylinders last longer and can handle tougher loads for angling, tilting and lifting.

Different Strokes.

We designed our cylinders for maximum stroke to reduce the number of passes across the shaft during normal operation. Because the longer the stroke, the less wear and tear there is on the shaft, the barrel and pins. And because the cylinder is integral to the performance of the entire system, having it last as long as possible is critical.

Heat-Treated Bushings.

We use heat-treated spring bushings pressed right into the lugs of our dozer blades. These bushings take an incredible amount of pressure from the hydraulic system. Made from heat-treated steel, the bushings and lugs last longer and can take a lot more pressure. It also significantly reduces egging around the hole and maintains the efficiency and integrity of the entire system.

Industrial-Locked Pins.

Ok, let's talk pins. Pins are the number one contact point for cylinders. If the pin in the cylinder has any play at all it can cause wear and tear and big problems. So on our Degelman blades we took industrial-strength thinking and applied it to our pins. We hold our pins in place with a high-carbon steel flange – instead of hair or cotter pins—so the pin can't move. This leaves the cylinder to move freely around the pin and it prevents the pin from wearing out.

Grease Gun Ready.

All these pins are easily accessible by a grease gun, so they're easy to maintain and grease can easily be applied to the high-pressure areas that need it. It's all part of our philosophy to build equipment right, which means to make sure it lasts as long as possible. When you buy a Degelman, you know you're buying quality.

Drilled & Tapped, Not Welded.

Welding the ports on a cylinder can cause the barrel itself to warp. So, we drill and tap all our ports to maintain the integrity of the cylinder barrel and to make them strong as possible. It reduces wear and increases the longevity of the cylinder. A small detail, we know, but an important one.

Superior Seals.

Our five-part industrial seal package and wear band system means zero metal-to-metal contact for increased longevity. The seal package also includes a surge protector seal made from high grade polymers—so if there's a spike in hydraulic pressure, oil won't go past the piston. And the rod wiper seals are top-of-the-line components that clear away ice, debris and snow.

High Grade Wear Bands.

We build wear bands into our cylinder system made out of a special high-grade wear material that eliminates scoring on the shaft and cylinder wall during high side loads. Without high-grade wear bands, the cylinders get scratched and become ineffective. The addition of wear bands to our cylinders means increased durability and better performance under maximum side loads.

Solid Steel Ends.

We also manufacture the cylinder ends — where the cylinders take the most punishment—out of solid steel versus cast iron. We do it because steel is stronger and creates a premium weld surface. Ends are plasma cut on a computerized machine where they are milled, drilled and tapped to precision.



300-600 HP



7900 Series Lift Even Higher.

The Degelman 7900 was developed specifically for producers moving silage, haylage and tackling the toughest snow removal jobs out there. Fully compatible with high horsepower four-wheel drive tractors, the 7900 has 40" lift and 6-way angling capabilities with full strength at all angles. That means whether you're at any angle you get the same industrial-sized strength that Degelman is known for.

Move More Silage, Faster.

When you're working with silage, under-frame clearance is important. That's why at Degelman, our mounting system allows for extra under frame clearance. So you can pack and push more silage faster without getting hung up. We also make sure our mounting hardware gives you a smooth, clean underbelly to minimize dragging silage back. Add a two foot perforated silage extension, and you'll move more silage than ever.

Best Snow Removal Angle Ever.

From our field testing, a 30° angle runs off the blade the best. That's why we made sure the 7900 can hit and hold 30° with optimal strength. This means faster and more efficient snow removal for any job out there.



Six-Way Blade Agility.

When your blade can do more...you can do more. Tilt. Angle. Lift. You name it. That's why the Degelman 7900 hydraulic system is designed for optimal blade angles and usage. Because we know your blade needs to take on all the jobs you tackle every day, not just some of them.

Pure Power. At Your Fingertips.

The 7900's controls give you the power and agility of angling control at your fingertips. There's no need to ever get out of your cab—ever. You can angle the blade from 0° to 30°, lift up and down and tilt how you like, quickly and easily; The control stays where it belongs— with you.

Durable Ar400 Skid Shoes.

Meet wear and tear head on. Our adjustable skid shoes are made with AR400 plate to give them a longer life with eight times the abrasion resistance of regular steel. We also precision designed them so you can easily ratchet them down by infinite intervals whether you're levelling a gravel yard... or compensating for slight wear on the blade, a Degelman first. Because more precision equals more blade control. These skid shoes are spoon-shaped for effective operation, turning and to reduce the chance of digging in. They are also reversible so when wear appears, you can easily rotate them.

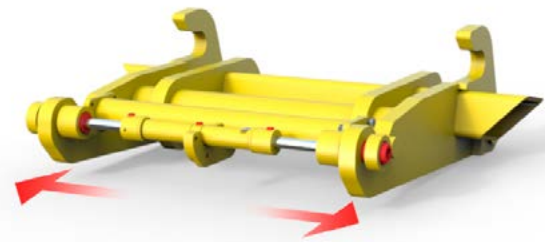
Tilt Away.

The fingertip-controlled tilt capabilities of the 7900 give you the option to tilt the blade up to 10°. So you can groom roads, put a ridgeline in for drainage...you name it. And, because of our industrial-strength cylinders and heavy-duty design, you can doze with confidence knowing that our blade system can do the job, and then some.



In the spirit of safety and simplicity, Degelman has pushed the design process one more time by coming

up with the all new HQT-Hydraulic Quick Tach System. This precision built feature utilizes a hydraulic pin engagement concept which allows the operator to secure the blade to the Dozer mounting framework from the tractor seat. It avoids the dangers, awkwardness and hassles of crawling around the tractor to secure the dozer engagement. Just one more example of how Degelman pushes design to make things a little safer, more convenient and last longer.



Features & Specifications

Tractor Horsepower Range	300-600 HP
Tractor Type	4WD
Blade Widths Available	12', 14', 16', 18', 20'
Blade Weight	2890 - 4620 lbs.
Blade Height	47"
Blade Height (silage extension)	71"
Lifting Height (approximate)	40" (approx)
Lift Cylinders	3 1/2" Dia.
Hydraulic Angle	30°
Angle Cylinders	4" Dia.
Hydraulic Vertical Tilt	10°
Tilt Cylinders	4" Dia.
Cutting Edge (MaxTemp® Steel)	3/4" x 8"
Digging Depth	14" to 17"
Skid Shoes (abrasion resistant)	Infinite Adjustment
Mounting System	HQT
Mounting Location	Front-4WD Mount
Mouldboard (ripple formed blade)	1/4"



	7900	66.69.7200	5900	46.5700	3500
Рабочая ширина, см	366-610	366-488	305-425	274-427	245-365
Мощность трактора необх., л.с.	300-700	200-500	125-500	65-380	40-150
Высота, см	120	97	91	84	70
Угол поворота в горизонте, град.	22-25	18	24	18/28	18
Угол наклона по вертикали, град.	10	13	15	-	-
Амплитуда подъема-опускания, см	102-152	64	58	58	51
Глубина заглабления, см	35-45	20-30	25-35	20-30	15-20
Тип трактора	4WD	4WD	2WD&FWD	2WD&FWD	2WD&FWD
Вес, кг	3325-4895	1528-2295	1540-1660	931-1339	613-658



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