



RACE 150

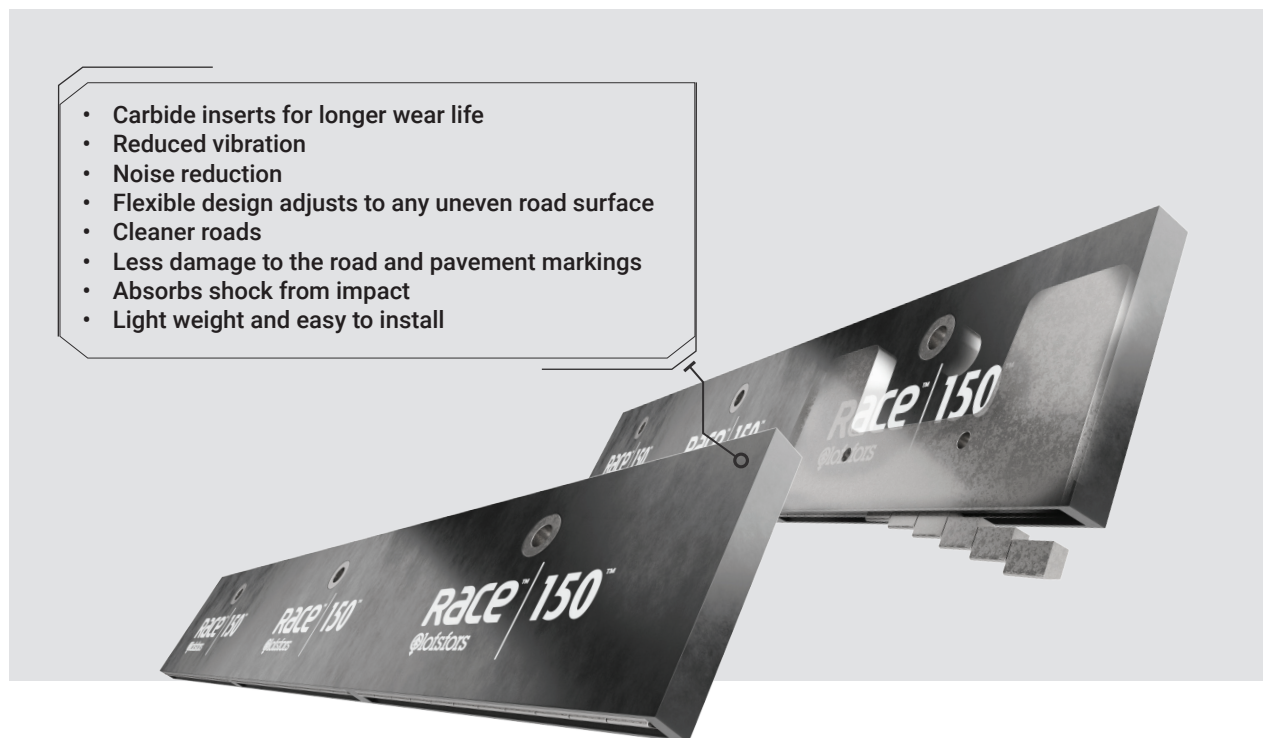
- CARBIDE INSERTED PLOW BLADES
- HIGH STRENGTH
- MAXIMUM WEAR LIFE



RACE 150

Benefits with using RACE 150

Race 150 is a plow blade with carbide inserts soldered in 12" short steel segments, which are then encased in rubber. This produces a plow blade with a long wear life thanks to the carbide. The rubber enables the plow blade to work more quietly and smoothly while following the contours of the road. Race 150 is ideal for one-way plows and reversible plows on paved roads. Race 150 is an alternative to steel or regular carbide blades. With the carbide inserts, steel segments, and rubber casing, Race 150 is a triple threat plow blade.



RACE 150

Item. No	Name	W. mm	T. mm	L. mm	W. inches	T. inches	L. feet	Weight, kg	Weight, lbs	Bolt holes
122-261108	Race 150 152 x 22 x 610	152	22	610	6	7/8	2	8,52	18,78	2
122-261100	Race 150 152 x 22 x 915	152	22	915	6	7/8	3	12,78	28,17	3
122-261107	Race 150 152 x 22 x 1220	152	22	1220	6	7/8	4	17,04	37,56	4

RACE 150 CLAMP BAR

Item. No	Name	W. mm	T. mm	L. mm	W. inches	T. inches	L. feet	Weight, kg	Weight, lbs	Bolt holes
122-261114	Race 150 Clamp bar 590	60	10	590	2,36	13/32	2	2,73	6,02	2
122-261116	Race 150 Clamp bar 900	60	10	900	2,36	13/32	3	4,16	9,17	3
122-261117	Race 150 Clamp bar 1200	60	10	1200	2,36	13/32	4	5,55	12,23	4

RACE 150

Installation – Plows with 12" centers

- Clean the moldboard from any debris and position the Race to the moldboard with the Race logo facing forward direction.
- Place the Clamp Bar over top of the Race Blade, line up the holes, and insert the bolts.
- When all nuts are tightened, torque to 230-270 ft.lbs.



Installation – Plows with mounting board 12" centers

- If the moldboard of the plow is other than 12 inch centers, an adapter blade must be used to accommodate the movement of the segments.
- The adapter will have 2 rows of holes, the top row to mount to the plow and a second row to mount the Race Blades.
- Position the Race logo facing in the forward direction. Mount the Race Blades to the adapter blade using the bottom row of holes which are 12" centers.



FRONT OF BLADE

The RACE blade is clearly marked with a logo RACE 150 on the front side. On all front plows this "logo marking" must be facing in the direction of travel. This allows for the proper running angle of the carbide inserts to the pavement.

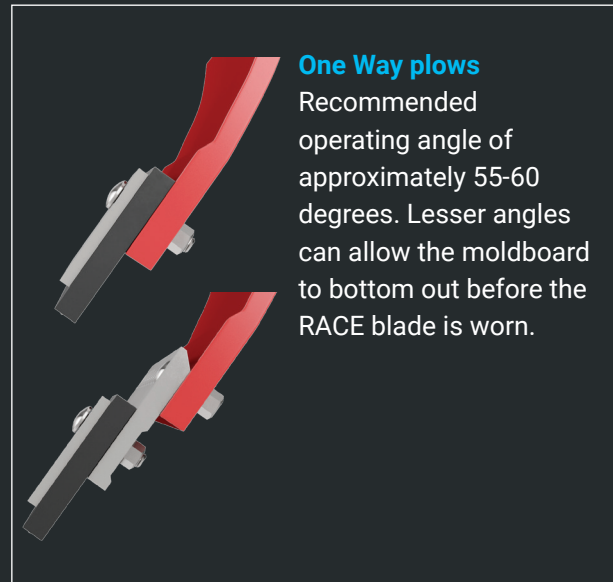
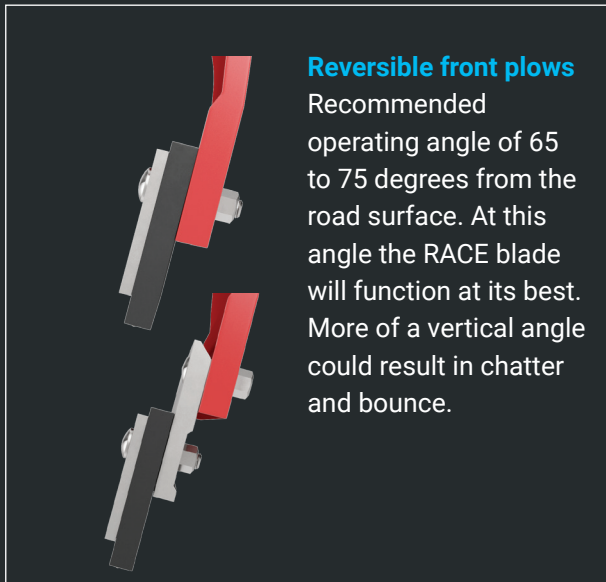
HARDWARE

The RACE blade is supplied with a clamp bar. This bar is placed over the RACE blade to "clamp" the RACE to the plow. Grade 8 or better carriage bolts are recommended for installing the RACE blade. Recommended torque is 230 foot pounds. Lock Nuts are recommended. The use of Lock Washers is discouraged. Note: The Moldboard mounting surface must be clean of all debris.

Note: This is only a General Installation Guide. There might be certain recommendations for your particular brand or model of plows. Consult your authorized Olofsfors distributor for more information.

RACE 150

Operating angles



Operating notes

1. Road surface

The RACE system performs best on hard surfaces such as asphalt, concrete and tar or chip seal roads.

2. Rubber flexibility

During operation the RACE blade "seats" itself up into the rubber holder from compression. As a result of this seating process the RACE blade actually becomes narrower in its first few hours of operation. This is normal.

3. Installation with runner shoes

When installing new RACE blades with runner shoes or castors, they should be adjusted approximately 3/4" off the surface. This adjustment places enough weight on the RACE to force the required. Once the RACE blade has seated, the runners will be contacting the road surface and carrying a portion of the weight of the plow.

4. Eliminate chattering

Operating a plow in a straight-on (dozer) position can result in the blades chattering. Angling the plow should eliminate this. Insufficient down pressure may also cause chatter (plow weight of 150-350 pounds/foot is recommended).

5. Recommended speed limit

45 km/h (30 mph)

