



**7 gal (26.5 L)  
FUEL  
CAPACITY**



**KOHLER ECH980  
(999 cc) (EFI)  
AIR-COOLED  
GASOLINE  
ENGINE**



**MANUAL  
STEERING**



**46 in (117 cm)  
5-BLADED  
SPIDER**



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## MSP445

The MSP445 is powerful and responsive due to its weight-to-horsepower ratio. The five-bladed rotor is driven by a super heavy-duty gearbox, allowing the power to be delivered where it's needed. Standard features include an electric-powered spray system and built-in cup holder. For easier maintenance, the MSP445 features a removable front panel for easy access.



## SPECIFICATIONS

SPECIFICATIONS	MSP445
ENGINE	KOHLER ECH980 (999 cc) (EFI)
HORSEPOWER CLASS	37 hp (27.6 kW)
FUEL TYPE	Air-Cooled Gasoline
PANNING PATH WIDTH	97.5 in (248 cm)   8' Class
ROTOR DIAMETER	46 in (117 cm) 5-Bladed Spider
MAXIMUM ROTOR SPEED	180 rpm
STEERING CONTROL SYSTEM	Manual
FUEL CAPACITY	7 gal (26.5 L)
RETARDANT CAPACITY	7 gal (26.5 L)
WEIGHT	1,052 lb (477 kg)
DIMENSIONS (L X W X H)	101.5 x 50.5 x 59.5 in (257.8 x 128.2 x 151 cm)

PART NO.	MODEL NO.	DESCRIPTION
071200	TR-MSP445	Mechanical "TC" Torque Converter Clutch Drive, Manual Steering, Super HD Gearboxes, Twin 46" (117 cm) 5-blade rotors, Kohler CH1000 gas 37 hp class engine, 4 lights, power retardant spray, 45-180 RPM Rotor Speeds
PART NO.	MODEL NO.	OPTIONAL ACCESSORIES
039090	TR-DJMSP	Dolly Jacks, Pneumatic Tires, Set of two, 121 lb (55 kg)
067568	TR-LB25-3	Lifting Bridle - 2,500 lbs - 2-Point x 3', 14 lb (6 kg)

## BLADE &amp; PAN RECOMMENDATIONS

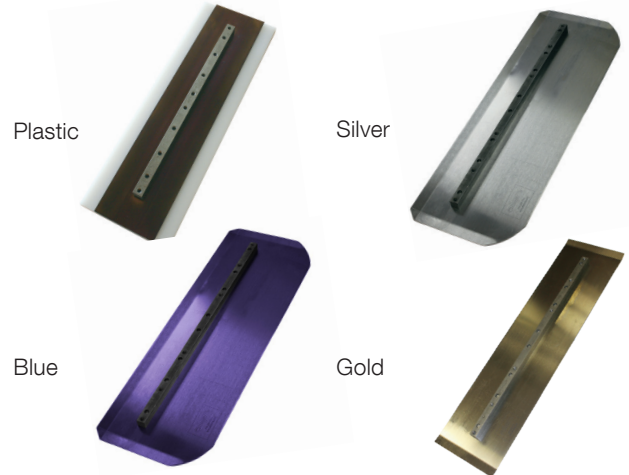
BLADES		MSP445
TYPE	PART NO.	DESCRIPTION
FINISH	015695AV-4	6" x 18" Finish - Silver Series
FLAT FINISH	028489V-4	6" x 18" Flat Finish - Silver Series, <b>COMES WITH THE MACHINE</b>
COMBO	016094AV-4	8" x 18" Combo - Blue Series
CLIP-ON FLOAT (LH)	02822318V-4	10" x 18" Clip-On - Left Hand - Silver Series
CLIP-ON FLOAT (RH)	02822618V-4	10" x 18" Clip-On - Right Hand - Silver Series
PLASTIC FINISH	047230-4	6" x 18" - Finish - Poly / Steel Backed
PANS		MSP445
TYPE	PART NO.	DESCRIPTION
CLIP-ON DISHED	051561	46.5" O.D. - 45° Lip Angle - 5-Blade
SAFETY CATCH DISHED	051562	46.5" O.D. - 45° Lip Angle - 5-Blade
CLIP ON FLAT	051552	46.5" O.D. - 80° Lip Angle - 5-Blade
SAFETY CATCH FLAT	051553	46.5" O.D. - 80° Lip Angle - 5-Blade

## TROWEL BLADES

Allen Engineering offers a complete line of finish blades, combination blades, and clip-on float shoes for your walk-behind or ride-on power trowels. We use high-quality steel or composite plastic with six high-strength rivets to maximize blade life. For the flattest floors, trust only Allen Finishing Blades. And, Allen Blades fit most other brands of walkers and riders.



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### MSP445

PART NO.	MODEL	DESCRIPTION
015695V-4	TBF6X18V-4	Finish - 6" x 18" - Silver Series - set of 4, 14 lb (6 kg)
033566-4	TBFF8X18S4	Finish Channel Mount (7/8") - 6" x 18" - Silver Series-set of 4
028489V-4	TBFF8X18S4	Finish - 8" x 18" - .074 Thick w/Bar Silver Series - set of 4, 11 lb (5 kg)
015695AV-4	TBC8-14S-4	Finish - 6" x 18" - Blue Series - set of 4, 11 lb (5 kg)
032868G-4	TBF6X18G-4	Finish - 6" x 18" - Gold Series - set of 4, 18 lb (8 kg)
047230-4	TBF6X18P-4	Plastic Finish - 6" x 18" - Steel Reinforced - set of 4, 20 lb (9 kg)
060542-4	TBFF8X164	Flat Finish 8" x 16" - Gold Series - set of 4
060697V-4	TBC8X16G-4	Combo, MQ 8" x 16" - Gold Series - set of 4
028778V-4	TBFF8X18V4	Flat Finish (.092) - 8" x 17" VP Gold Series - set of 4, 25 lb (11 kg)
032867G-4	TBF6X14G-4	Finish 6" x 14" Gold Series - set of 4, 14 lb (6 kg)
016094V-4	TBC8X18V-4	Combo - 8" x 18" - Silver Series - set of 4, 18 lb (8 kg)
016094AV-4	TBC8X18V-4	Combo - 8" x 18" - Blue Series - set of 4, 21 lb (10 kg)
034219G-4	TBC8X18G-4	Combo - 8" x 18" - Gold Series - set of 4, 22 lb (10 kg)
048341-4	TBC8X18P-4	Plastic Combo - 8" x 18" - Steel Reinforced Plastic - set of 4, 21 lb (10 kg)
02822318V-4	TBCFL18S-4	Clip-On Float - 10" x 18" - LH (Ride-On Trowels Only) Silver Series - set of 4, 30 lb (14 kg)
02822618V-4	TBCFR18S-4	Clip-On Float - 10" x 18" - RH Silver Series-set of 4, 30 lb (14 kg)
033271-4	TBAB-14-4	Adaptor Bar for Channel Blades, 18" X 4", 21 lb (10 kg)



# STEEL FLOAT PANS

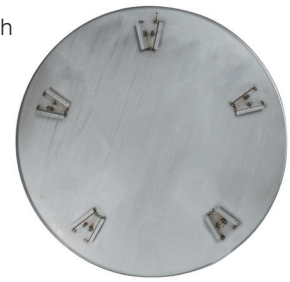
Allen Engineering pioneered the use of floating discs (or pans) on riding trowels in 1989 and Allen® Pans remain today the finisher's choice when high FF Numbers are specified on a concrete floor. Allen's flat pan tolerances cut bumps and fill low spots in the concrete floor. Insist on Allen® Steel Pans for your Allen Riders and Walk-Behinds. Made to the same exacting tolerances as the trowels themselves, nothing finishes better.



Scan this QR code to learn more details about this product.



Safety Catch Pan



Clip-On Pan

## TWO TYPES OF PANS

Allen offers both Flat (0" to 1/8" dish) and Mild-Dished (1/4" to 3/8" dish) steel pans. This gives contractors even more pan choices from Allen.



**MADE IN THE U.S.A.  
FROM U.S. MADE  
STEEL**

### MSP445

PART NO.	MODEL NO.	DESCRIPTION
051552-10	P5C4612-10	46 1/2" O.D., Universal Flat, 80° Lip Angle, 5-Blade, Clip On (Ten Pack), 580 lb (263 kg)
051553-10	P5S4612-10	46 1/2" O.D., Universal Flat, 80° Lip Angle, 5-Blade, Safety Catch (Ten Pack), 580 lb (263 kg)
051561-10	P5C4714-10	46 1/2" O.D., Universal Dished, 45° Lip Angle, 5-Blade, Clip On (Ten Pack), 580 lb (263 kg)
051562-10	P5S4714-10	46 1/2" O.D., Universal Dished, 45° Lip Angle, 5-Blade, Safety Catch (Ten Pack), 580 lb (263 kg)
051556-10	P5C4612-10	46 1/2" O.D., Universal Dished, 80° Lip Angle, 5-Blade, Clip On (Ten Pack), 580 lb (263 kg)
051557-10	P5S4612-10	46 1/2" O.D., Universal Dished, 80° Lip Angle, 5-Blade, Safety Catch (Ten Pack), 580 lb (263 kg)
051555-10	P4C4612-10	46 1/2" O.D., Universal Dished, 80° Lip Angle, 4-Blade, Safety Catch (Ten Pack), 580 lb (263 kg)
047119-10	P5C4714-10	47 5/16" O.D., Allen only, 45° Lip Angle, 5-Blade, Clip On (Ten Pack), 590 lb (268 kg)

