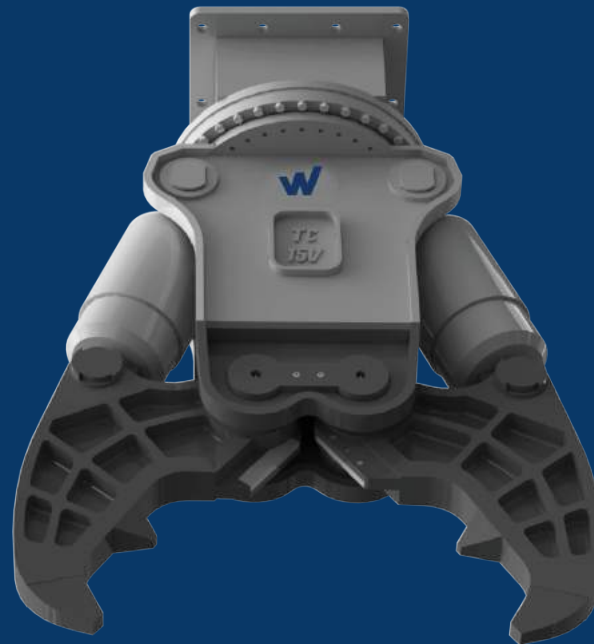


# PRIMARY CRUSHERS

Two powerful cylinders provides wide jaw opening, tremendous initial crushing force, and optimized angle of attack. Its symmetric design and independent cylinder movement minimize the stress to the carrier.



HYD. ROTATION



SPEED VALVE



HARDOX WEAR PLATE

## LARGE-BORE CYLINDER

-the twin large diameter cylinders with speed valve provides exceptional cutting and crushing force.

## HIGH QUALITY MATERIAL

-built with high quality steel for maximum strength and abrasion resistance.

## REPLACEABLE CUTTING BLADES

-are fast and easy to change in the field.

## 360° HYDRAULIC ROTATION

-provides fast and precise positioning of the jaws.

## SPEED VALVE

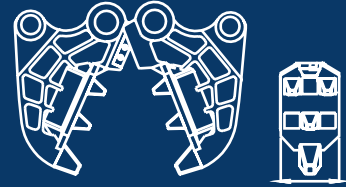
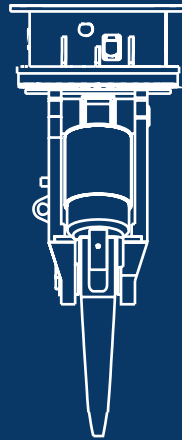
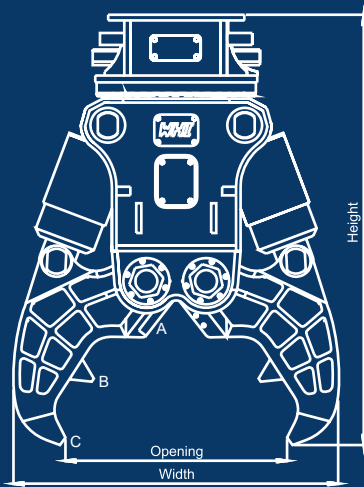
-improves cycle time by up to 30% compared to standard hydraulic system.

## SPECIALLY TREATED PIN & T-BUSH DESIGN



# PRIMARY CRUSHERS

World ES's TC concrete crushers are designed for the demolition of heavy concrete structures containing reinforcement steel.



Pulverizer Jaw  
(Optional for TC20-TC30)

## SPECIFICATIONS

Model	Unit	TC10V	TC15V	TC20V	TC25V	TC30V	TC45V	TC60V
Carrier Weight	ton	7 - 12	12 - 18	18 - 22	22 - 28	28 - 40	40-50	48-65
Weight	kg	680	1,330	1,730	2,120	3,100	5,600	6,400
Overall Height	mm	1370	2,030	2,100	2,280	2,450	3,000	3,100
Overall Width		985	1,250	1,280	1,450	1,720	2,350	2,400
Jaw Opening		620	850	900	1000	1120	1400	1600
Jaw Depth		580	610	780	820	945	1100	1280
Blade Length		100	140	190	220	250	250	300
Cutting Force at Blade	ton	389	526	1116	1286	1729	2558	3018
Crushing Force at Tip	ton	71	82	115	143	180	266	312
Max. Oil Pressure	bar	300	320	320	320	320	320	320
Oil Flow Rate	lpm	70-120	110-180	180-220	200-250	250-300	320-450	320-500
Jaw open / close	sec	1.3/1.5	1.8/1.7	2.1/2.3	2.5/2.3	3.2/3.8	4.3/3.7	4.8/3.8
Hyd. Rotation	Pressure	bar	170	210	210	210	210	210
	Oil flow	lpm	28-32	28-32	30-38	32-45	32-45	75-105

Specifications are subject to change without notice

