

Rotary Cutting Heads

TCH Series

For carriers from 4,000 to 120,000 lbs.



Introducing Tramac's new high-production excavator-mounted Rotary Cutting Heads

TCH Series Rotary Cutting Heads

The Tramac TCH Rotary Cutting Head, a rotating double-drum rock cutting attachment, represents an alternate approach to concrete demolition, controlled excavation in soft to medium-hard materials, and scaling. TCH heads are intended for use with carriers from 4,000 to 120,000 lbs. **These low-noise units allow precise excavation of rock and concrete in trenching, scaling and tunneling operations.**

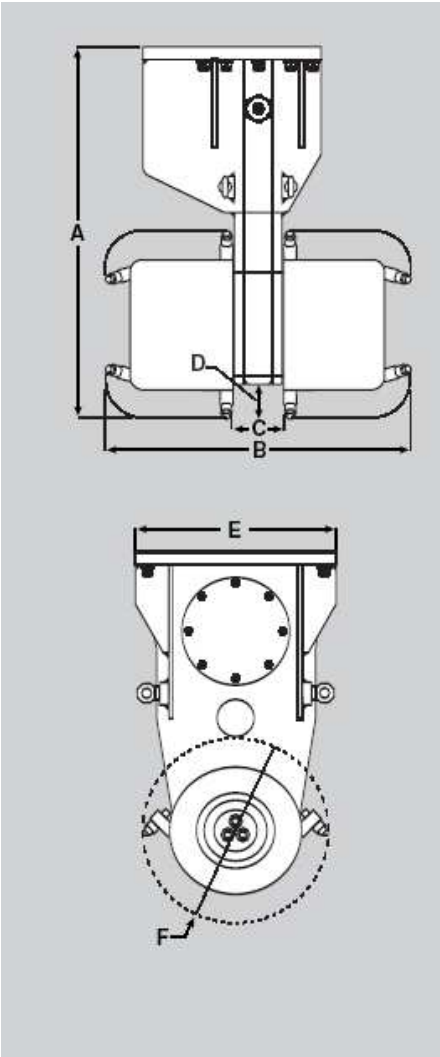
- **Optimum production**
 - allows accurate profiling of rock and concrete in trenching and tunneling applications
 - gives excellent results when used for scaling walls and ceilings in underground mines and quarries
 - eliminates hand-finishing in tunnel profiling
 - permits precisely controlled excavation around existing services in trenching operations
- **Minimum noise and vibration**
 - perfect for sites where environmental factors make blasting and hydraulic breaking inadvisable
- **Durable, replaceable cutting teeth**
 - tooth sizes and lacing patterns can be altered to suit rock excavation, demolition, and scaling jobs
- **Efficient fill production**
 - produces uniform excavated material that can be used as backfill in trenching jobs.
- **Fast, simple installation**
 - powered by the excavator's hydraulic circuit
 - easily interchangeable with other attachments

For dimensions and specifications, see the back of this page.



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Specifications and Dimensions



TCH Cutting Head Specifications		↓	→	24	40	60	80	120	160
Input Power	HP			24 - 34	40 - 60	60 - 80	80 - 100	120 - 160	160 - 228
	Kw			18 - 25	30 - 45	45 - 60	60 - 75	90 - 120	120 - 170
Recommended Carrier Weight	US tons			2 - 5.5	5.5 - 22	13 - 25	22 - 33	27.5 - 38.5	33 - 60
Working Weight	lbs			430	827	1800	2535	2756	4190
	kg			195	375	815	1150	1250	1900
Flow Range	gpm			10.5 - 16	21 - 32	32 - 50	48 - 58	63 - 95	95 - 120
	lpm			40 - 60	80 - 120	120 - 190	180 - 220	240 - 360	360 - 460
Operating Pressure	psi			3625 - 5440	3625 - 5440	3625 - 5440	3625 - 5440	3625 - 5440	3625 - 5440
	bar			250 - 375	250 - 375	250 - 375	250 - 375	250 - 375	250 - 375
Output Shaft Torque	ft lbs			1806	3500	7300	8846	10,837	23,775
	Knm			2.45	4.75	9.9	12	14.7	32.25
Cutting Drum Speed	Rpm			98	120	106	87	86	87
Cutting Drum Diameter	in			11.5	16	21.7	25	25	27.75
	mm			294	398	550	630	630	705
Cutting Width	in			21	27	30	33	34	43
	mm			533	678	750	848	870	1085
Number of teeth (standard)				58	54	56	58	60	64
Tooth Force	lbs			3776	5359	8093	8542	12,813	20,681
	kN			16.8	24	36	38	57	92
Tooth Speed	ft/sec			5	8	11	9.5	9.5	8.2
	m/s			1.5	2.5	3.3	2.9	2.9	2.5
← A →	in			23	29	38	44	44	49
	mm			581	734	965	1110	1110	1242
← B →	in			21	27	29.5	34	34.9	42
	mm			533	688	750	861	886	1079
← C →	in			3.5	5.6	5.7	6.7	6.7	7.6
	mm			88	142	144	170	170	193
← D →	in			2.1	3.7	4.7	5.5	5.6	5.6
	mm			54	94	120	140	142	142
← E →	in			12.5	16	21	24	24	26
	mm			318	411	530	610	610	658
← F →	in *			∅ 11.6	∅ 15.7	∅ 21.7	∅ 24.8	∅ 25.2	∅ 27.7
	mm *			294	398	550	630	640	705

* Choice of tooth style and lacing pattern can affect this outside diameter

Tramac reserves the right to change or discontinue models and/or specifications without prior notice.

Quality and dependability: two features you can count on with every TRAMAC product.

All TRAMAC products are engineered for superior performance, manufactured to the most exacting specifications, and—within the guidelines of the industry's most rigid quality control program—thoroughly inspected at every stage of production. All working parts are precision-machined to the closest tolerances, and all materials meet or exceed the highest industry standards. These are but a few of the many vital reasons major contractors worldwide choose our products.

They know that with TRAMAC, reliability is crucial; a basic component conscientiously built into every unit that bears our name.

