ISO9001 CERTIFIED

CE

RAY Attachments

TREE SPADE

EXCAVATOR/SKID STEER ATTACHMENTS



MAKE YOUR JOB EASIER AND FASTER

Changzhou Raymond Precision Machinery Co.,Ltd.
Changzhou Raymond International Trading Co.,Ltd.



RAY ATTACHMENTS

Established in 2002, Changzhou Raymond Precision Machinery Co.,ltd is a professional manufacturer of excavator attachments like hydraulic breaker, earth auger, quick coupler, hydraulic demolition grapple and so on. Changzhou Raymond International Trading Co.,Ltd is its sister company as Imp. & Exp. Platform. RAY Attachments is our brand on behave of China Made Brand.

We have gotten good reputation due to our stable supply capability and high quality with competitive price. Of course, we have over 20 years of customers service experience, it enable us to make our products have competitive advantages, products have been exported to many countries like Europe, Middle East, South-East Asian and Latin America and we are always expanding the global market. Our vision is become a century-old enterprise with more than 108 years.







Development History

2002 — Changzhou Chuangcheng Precision Steel Tube Co.,Ltd founded in 2002, which made a contribution to Chinese infrastructure construction.

2006 — We have had our own factory for production since 2006, which is about 5 acres, converted to about 20,000 ㎡.

2009 — In 2009, Changzhou Raymond International Trading Co.,Ltd established and became the bridge of connecting home and abroad market, mainly selling steel pipes and construction machinery attachments.

2012 — In 2012, our hydraulic earth augers were officially put into production, which Made a grand debut in the Shanghai Bauma Exhibition and won many domestic and overseas customers.

2013 — On December 12, 2013, the first team called Wudi, which means the greatest team, established and started the teamwork.

2017 — In 2017, the International trading department moved from the factory in Luoyang Town to downtown, which made great significance to attract talents.

2019 — By 2019, our excavator attachments have covered 20 different kinds of products, including hydraulic earth auger, quick hitch, hydraulic breaker, hydraulic grapple and so on.

2021 — In 2021, our International trading team and products expand to achieve the goal of 100 millions sales.

2110 — 108 years +

Our vision is become a century-old enterprise with more than 108 years.







Tree Spade

It's used in nursery transplanting, a tree, and road green belt, residential greening inside the seedlings transplanting.

The Advantages

*Compatible with a variety of machines(SSL/Excavator/loader)
*Powerful functions, one machine with multiple functions
*The tree balls dug are "apple balls" to ensure high tree survival rate.
*Various models to choose
*Super high efficiency, 1 tree/minute.
*Easy to operate and maintain

Application

Excavator



R80
Working efficiency:
Choosing trees ≥400 pcs/day
Don't choose trees ≥700 pcs/day





R40
Working efficiency:
Choosing trees ≥400 pcs/day
Don't choose trees ≥600 pcs/day



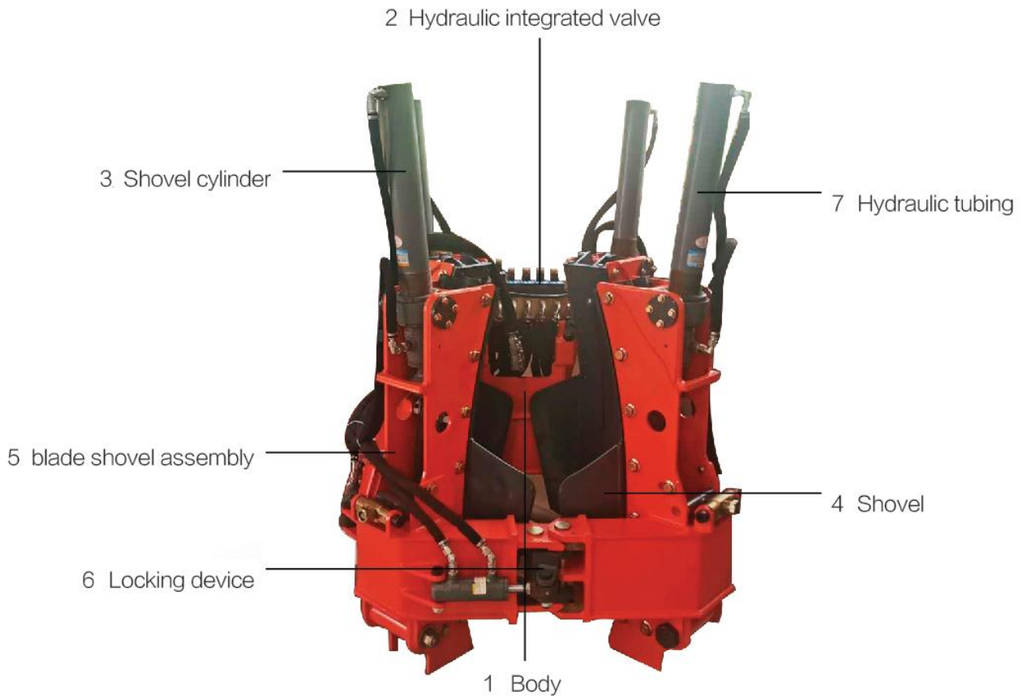
Skid Steer

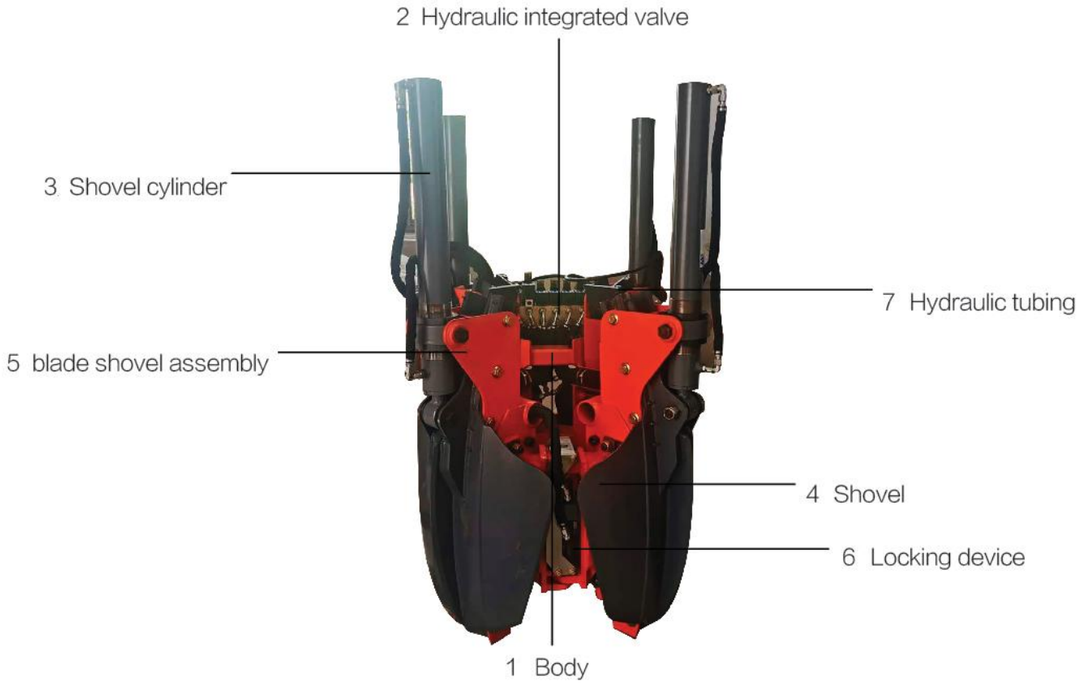


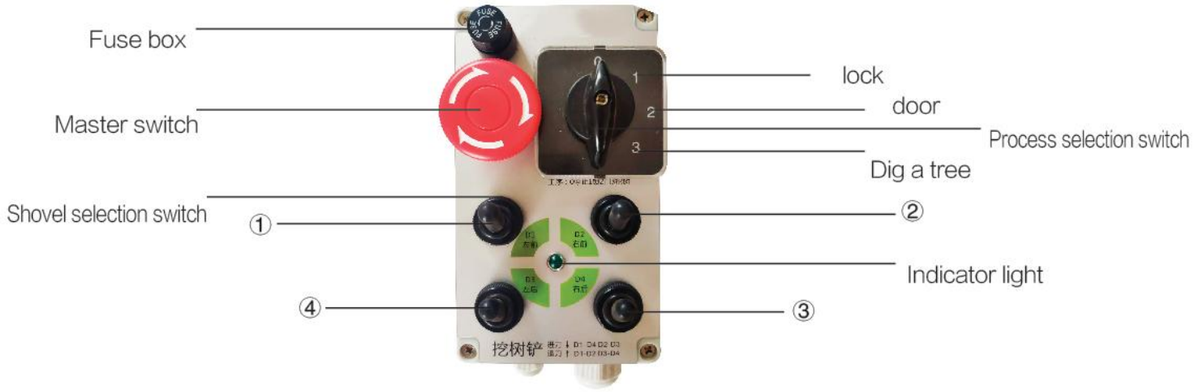
R100
Working efficiency:
Choosing trees ≥280 pcs/day
Don't choose trees ≥400 pcs/day



Structure of Tree Spade





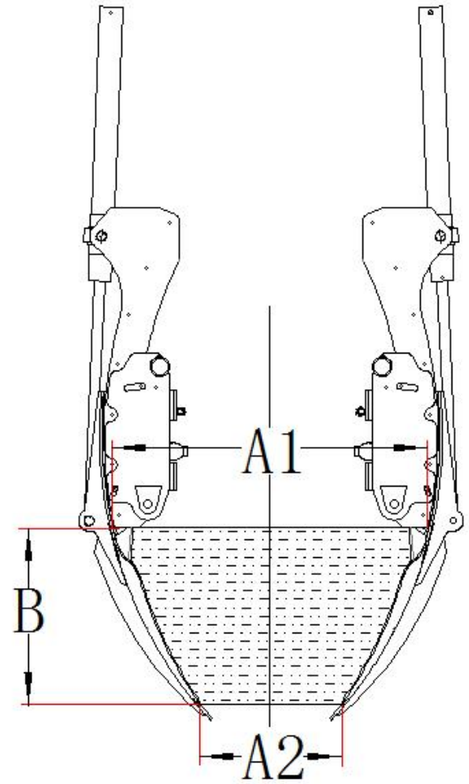


What are needed when it works?



Specification

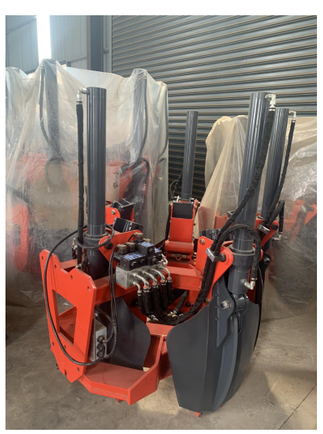
Model	Unit	R40	R60	R80	R100	R120
Airload weight	Kgs	650	830	1050	1100	2000
	Lbs	1430	1826	2310	2420	4400
Diameter of tree	mm	50-80	50-120	80-150	120-200	150-250
	Inches	2-3	2-5	3-6	5-8	6-10
Bulb diameter(A1)	mm	Φ450	Φ600	Φ800	Φ1000	Φ1200
	Inches	18	24	32	40	47
Bulb diameter(A2)	mm	/	Φ300	Φ400	Φ500	Φ600
	Inches	/	12	16	20	24
Tree ball depth(B)	mm	300	450	600	600	620
	Inches	11	18	24	24	24
Work efficiency	Pieces/H	≥80	≥70	≥70	≥60	≥50
Shovel knife/blade	Pcs	3	4	4	4	6
Sphere volume	m^3	0.05	0.1	0.24	0.32	0.6
Suitable machine	Skid steer loader	√	√	√	√	√
	Excavator	≧5.5T	≧6T	≧7.5T	≧9.5T	≧20T





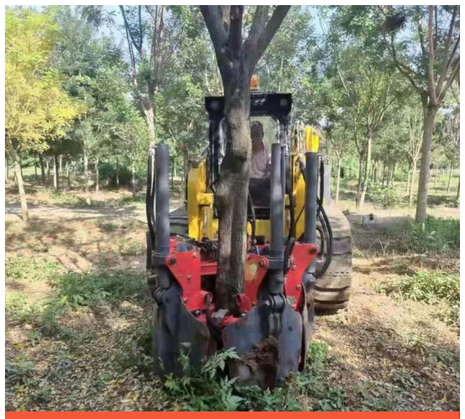








Cases



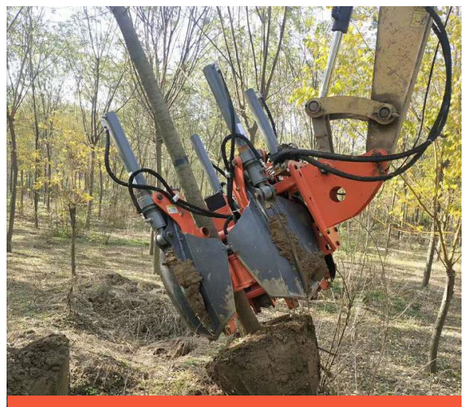
Mexico



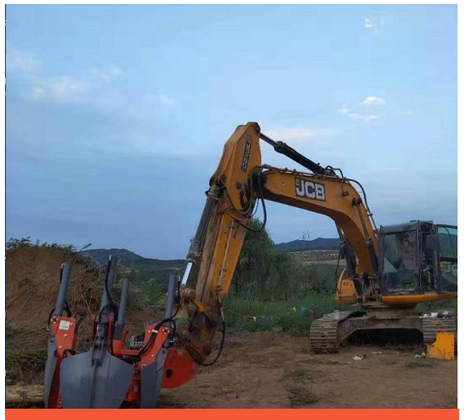
Guangxi, China



Philippines



Germany



Russia



Ningbo, China

Skid Steer Attachments



Earth auger



Pick up Sweeper



Snow Sweeper



Mulcher



Trencher



Grass Cutter



Grass Grapple



Bucket Grapple



Vibratory Roller



4 in 1 Bucket



Cold Planer



Fork