



BROTHERS INDUSTRIALS INC. ID.: 01895G

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www.brothersindustrialsinc.com , infobrothersusa@aol.com

WOOD – PLASTIC PRODUCTION LINE:

WOOD-PLASTIC COMPOSITES LINE

1. Brief Introduction

Wood-Plastic Composites (WPC) may be one of the most dynamic sectors of today plastic industry. Although the technology is not new, there is growing interest in the new design possibilities of this marriage of materials offers, such as fine wood waste and various plastics.



2. Main Configuration

The manufacturing process for WPC profile includes: mixing plastic, wood fiber and modifiers, compounding, extruding and cutting the profiles to desired length. Our company can provide the material technology and processing technology solution.



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2. Main Extruder



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3. Main Parameters

WPC One-step Thick-sheet Equipment Series

Practical application: Construction template, base board of container, door, furniture plate, etc.

Technical parameters of WPC One-step Thick-sheet Equipment

Equipment Type	Output (kg/h)	Total Motor Power	Length-Diameter Ratio	Screw Rotary Speed(r/min)	Outline dimension (mm ³)
HXLMSH-1	90~220	126	10~32	60~80	22,900x2,530x3,100
HXLMSH-2	200~400	200	10~32	60~80	22,900x2,530x3,100
HXLMSH-3	200~650	240	10~32	60~80	22,900x3,500x3,100



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WPC One-step Profile Equipment series

Practical application: Products for landscape, tray, isolating plate, fence, covering of door or window, etc.

Technical parameters of WPC One-step Profile Equipment

Equipment Type	Output (kg/h)	Total Motor Power	Length-Diameter Ratio	Screw Rotary Speed(r/min)	Outline dimension (mm ³)
HXLMSY-1	40~60	75	10~32	60~80	15,400x1,500x2,500
HXLMSY-2	70~120	103	10~32	60~80	20,300x2,230x2,900
HXLMSY-3	90~220	126	10~32	60~80	22,900x2,530x3,100



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WPC One-step Decorative Material Equipment series

Practical application: Varieties of decorative material, floorboard, plinth, etc.

Technical parameters of WPC One-step Decorative Material Equipment

Equipment Type	Output (kg/h)	Total Motor Power	Length-Diameter Ratio	Screw Rotary Speed(r/min)	Outline dimension (mm ³)
HXLMSZ-1	10~25	30	10~32	60~80	15,000x1,800x2,500
HXLMSZ-2	40~60	75	10~32	60~80	16,900x2,000x2,900
HXLMSZ-3	70~120	103	10~32	60~80	17,800x2,200x2,900



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4. WPC Products

Our company also can provide the production technology and WPC products.

Lumber, decking and railing, window profiles, wall studs, door frames, furniture, pallets, fencing, docks, siding, architectural profiles, louvers, automotive components and so on.

