

The HydraFiber Processing Line

Three machines, one substrate platform, and why growers switch to wood fiber.

MACHINE BY MACHINE



HE3

The compact entry point into wood-fiber processing.

- ✓ Up to 50 yd³/hr blended at 50% fiber
- ✓ Swappable shredder cassette
- ✓ Single pinch-roller intake
- ✓ Standalone or inline; 5 layout options

IDEAL FOR

First HydraFiber deployment, pilot or satellite sites, and operations with tight floor space.



HPU

Mid-scale processing with recipe-based precision.

- ✓ Up to 100 yd³/hr blended at 50% fiber
- ✓ Coarse & fine shredders
- ✓ Touchscreen recipe integration
- ✓ Stainless steel mix chambers

IDEAL FOR

Regional soil blenders and smaller-to-mid operations needing consistency and control.



HPU-XW

Industrial-scale throughput, fully automated.

- ✓ Up to 300 yd³/hr blended at 50% fiber
- ✓ Dual-bale automated feeding
- ✓ Modular coarse/fine cassettes
- ✓ Centralized greasing + full vector control

IDEAL FOR

High-volume producers requiring continuous industrial output.

Why growers switch to HydraFiber



- ✓ **10-36.6% more available water** to every plant, fiber surface area up to 7× greater than peat
- ✓ **Better air space and moisture**, drives faster root establishment and rooting
- ✓ **No water-expansion step** needed, unlike coir blocks, and it blends easily with other mix components
- ✓ **Replaces perlite** and reduces reliance on peat, coir, bark, and vermiculite, fewer SKUs to manage
- ✓ **Ships compressed at 13:1**, lower freight and storage cost on every bale
- ✓ **Available year-round**, unfrozen and ready, no winter peat-sourcing constraints

Which HydraFiber Processor Fits Your Operation?

One platform, three sizes, matched to your throughput and floor plan.



HOW TO CHOOSE

Every machine in the HydraFiber processing line returns compressed HydraFiber Ultra bales to their fibrous state and blends them with your base media. The right one comes down to how much you run, how many lines you feed, and how much floor space you have. AdeptAg is the sole Profile-licensed equipment supplier for HydraFiber across all three.



ENTRY TIER
HE3



STEP UP
HPU



HIGHEST VOLUME
HPU-XW

	HE3	HPU	HPU-XW
THROUGHPUT	Up to 50 yd³/hr blended, at up to 50% fiber	Up to 100 yd³/hr blended, at up to 50% fiber	Up to 300 yd³/hr blended, at up to 50% fiber 150 yd ³ fiber + 150 yd ³ substrate
SCALE	Small to mid-size growers	Mid to large growers	High-volume growers & blenders
BALE IN-FEED	Single bale, simplified pinch-roller intake	Single bale, coarse & fine shredders	Dual-bale, modular coarse/fine shredder cassettes
OPERATION	Standalone or inline	Manual or semi-automatic, touchscreen recipe control	Fully automated, real-time vector control
FIBER INCLUSION	Up to 50% of final blend	Up to 50% of final blend	Up to 50% of final blend
FOOTPRINT	~13'5" L × 8'10" W × 7'5" H (with conveyors)	17'10" L × 4'9" W × 8'6" H	45' L × 8'9" W × 8'6" H

AdeptAg+

HE3 and HPU-XW are native AdeptAg+ smart machines — real-time telemetry on motor amperage and torque loads for predictive roller life-cycle management and remote diagnostics.

Start where you are, scale when you're ready. One HydraFiber platform, 250+ installations, a clear upgrade path: HE3 → HPU → HPU-XW — same substrate, same supplier.

TALK TO YOUR ADEPTAG REP

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