

DOYLE PORTFOLIO
Celebrating 75 Years of Innovation





Where Quality Meets Innovation

Welcome to Doyle Manufacturing, your trusted manufacturer of dry fertilizer handling equipment. With our extensive range of blenders, conveyors, tenders, and spreaders, we provide solutions that work tirelessly to meet your needs.

Our commitment to quality is rooted in our rich history. As a family owned and operated enterprise with a legacy spanning over seven decades, we are equipped to navigate your toughest challenges, delivering superior solutions that enhance your operations.

Choosing Doyle means joining a family dedicated to your success. Contact us today to find your dealer, request a quote, or learn more about our services.

Quality that Delivers, today and tomorrow.

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“For four generations Doyle Manufacturing has maintained a high standard of excellence, continuously innovative, while producing fertilizer equipment promoting our customer’s ability to nourish the world.”



Autobatch™ Blend Systems

Automation improves billing and operator efficiency while seamlessly integrating with most agronomy and accounting software platforms.

SINGLE ROTARY BLENDER AUTOBATCH™



Doyle's Single Rotary Autobatch™ system leverages automation to enhance efficiency and speed. Products are dispensed one at a time through NTEP-certified hoppers, with actual dispensed weights recorded for each. Straight material can bypass the blender and load at a rate of 6 tons per minute, enabling 24-ton straight material trucks to be loaded in just 4 minutes.

Featuring a 16-ton rotary blender, six 16-ton hoppers, and a 9-ton quad-split hopper.



DUAL ROTARY BLENDER AUTOBATCH™



Doyle's Dual Rotary Autobatch™ system allows operators to blend one batch while loading another, maximizing efficiency. This versatile system keeps employees safely on the ground and ensures precise blends with NTEP-certified hoppers and advanced automation. With a throughput of up to 6 tons per minute and the capacity to pre-stage 32 tons of material, it delivers reliable speed and exceptional blend accuracy.

Featuring dual 13-ton rotary blenders, seven 16-ton hoppers, a 9-ton hopper, and a 9-ton quad-split hopper.





Autobatch™ Blend Systems

FEATURES:

- NTEP Approved • Loadout up to 6-TPM • Modular design • Blender Sizes: 6, 8, 10, 12, 13, 16-Ton

VERTICAL BLENDER AUTOBATCH™



Doyle's Vertical Blender Autobatch™ systems deliver unmatched versatility. The vertical blender functions as a "hand-add" vessel, enabling operators to add ingredients at any time while automatically capturing weights via the weigh hoppers or the blender itself. NTEP-certified, it accommodates up to 200 TPH of straight material, providing the speed, accuracy, and flexibility critical for efficient blending operations.

Featuring a 10-ton vertical blender, four 10-ton hoppers, a 9-ton quad-split hopper, and a hand-add hopper.



TANK OVER AUTOBATCH™



Doyle's Tank Over Autobatch™ System operates in the same way as a Single Rotary Autobatch™ system, with one key difference—storage tanks take the place of a payloader. Your entire storage is positioned above the NTEP-certified hoppers. When a low limit is reached in a bin, the gate at the top of the hopper opens to refill the tanks. Once refilled, the system automatically resumes dispensing. Eliminating the need for a payloader, this design makes it truly a one-person operation.

Featuring a 16-ton rotary blender, six 9-ton lidded hoppers, and a 9-ton quad-split hopper with a roll tarp.





Declining Weight Blend Systems

Doyle's Declining Weight system is designed to keep everything low to the ground for improved safety, while ensuring both speed and accuracy. The inclined flat-wire chain metering mechanism positions the hoppers closer to the ground, enhancing operator accessibility. Straight and blended materials run at 200 tons-per-hour, with each product metered into a common blend auger to blend batches on a continuous-flow basis.

For increased production capacity, NTEP-certified loadout tanks can be added to the system. Automation improves billing and operator efficiency while seamlessly integrating with most agronomy and accounting software platforms. The Doyle Declining Weight system delivers the speed, accuracy, and efficiency you require.

STANDARD CONFIGURATION: End-Loadout



Featuring six 12-ton hoppers and two micro-hoppers.

SPLIT CONFIGURATION: T-Loadout

Ability to isolate two impregnation systems before introducing the next product into the common blend auger.



Featuring six 12-ton hoppers and two micro-hoppers.



CONTINUOUS
FLOW BLENDING



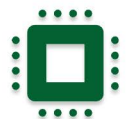
LOADOUT
UP TO 200-TPH



HOPPERS
UP TO 12-TONS



MODULAR
DESIGN



INTEGRATED
TECHNOLOGY



Declining Weight Blend Systems



Featuring six 12-ton hoppers and two micro-hoppers.



Featuring six 12-ton hoppers and two micro-hoppers.



Featuring six 10-ton hoppers, three micro-hoppers, and a 10-ton material conditioner.

Declining Weight Key Features:

- 1.** 24" Stainless steel webb-chain metering unit
- 2.** 8" Stainless steel webb-chain metering unit for micro hoppers (Inclined chain meter units for lower service height of hoppers)
- 3.** 16" Incline-auger with external bearing
- 4.** Load-cell cables ran in protective conduit (Elevated, sealed, and protected scale components for harsh environments)
- 5.** Stainless steel modular hopper - 2, 6, 10, 12 ton capacities with XL hopper extensions available
- 6.** Stainless steel tubing hopper legs 4"x4"x 1/4" wall with heavy gusseting (Open leg structure for ease of cleaning and maintenance)
- 7.** Stainless steel motor & gear box mounting
- 8.** Copper ground wire for load-cell protection
- 9.** Material conditioner hopper

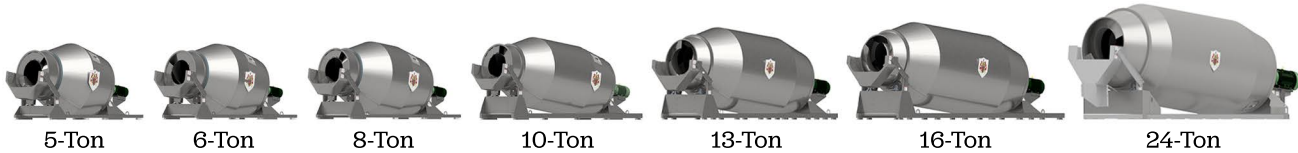




Batch Blending Equipment

Unveiling an impressive suite of blending equipment tailored for both extensive industrial and smaller farm operations. Our blending line-up includes Rotary, Standard Vertical, robust 'Fatboys', and Paddle Blenders, offering a capacity range from 5-ton to 24-ton. Our Rotary Blenders cater to varying volumes with 5, 6, 8, 10, 13, 16, and 24-ton options. The Vertical Blenders and 'Fatboys' offer a balanced blend of capacity and size, available from 6-ton to 16-ton. Rounding out our lineup is the 8-ton Paddle Blender.

Rotary



Vertical



Paddle





Batch Blending Equipment

Doyle offers larger blenders with higher discharge rates. The 13 and 16-ton blenders are popular as two batches can efficiently fill a semi load.



Twin 13-ton
Vertical Blenders

16-ton
Rotary Blender

8-TON PADDLE BLENDER

The paddle blender features a powerful mixing rotor with ribbon flighting, steel paddles, and rubber sweeps, ensuring consistent, high-quality blending—even for the most challenging materials.

Key Features & Operation:

- Top-Fill Design – The blender must be loaded from the top using a loader.
- Lump-Catching Screen – A removable steel screen mounted on top prevents large lumps from entering the blender. It can be lifted off with a forklift for easy cleaning and maintenance.
- Mixing Mechanism – A chain-driven mixing rotor with ribbon flighting, steel paddles, and rubber sweeps blends material, ensuring uniform consistency.
- Discharge System – During unloading, the mixing rotor moves material toward the centrally located discharge gate for smooth, even flow.

Special anti-stick coating on the tub and mixing arms to help prevent buildup





Conveying & Receiving Equipment

Engineered for efficient, reliable material transfer, our conveying and receiving systems are designed to efficiently move bulk materials from delivery points to storage, blending, or loadout systems. Our systems deliver consistent performance across a range of plant applications. Each system reflects our commitment to quality, durability, and superior material handling.

CAN-ROLLER CONVEYOR

FEATURING: Two-way Tripper



OPTIONS:

- 24" conveyor
- 30" conveyor

TRI-SLIDE CONVEYOR

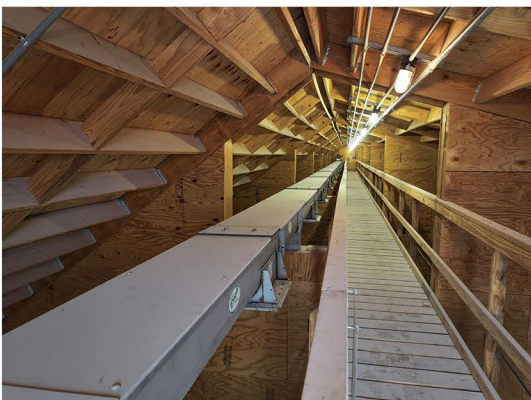
FEATURING: Three-way Tripper



OPTIONS:

- 18" conveyor
- 24" conveyor

SCREW CONVEYOR



OPTIONS:

- 14" conveyor
- 16" conveyor



Conveying & Receiving Equipment

Engineered for efficient, reliable material transfer, our conveying and receiving systems are designed to efficiently move bulk materials from delivery points to storage, blending, or loadout systems. Our systems deliver consistent performance across a range of plant applications. Each system reflects our commitment to quality, durability, and superior material handling.

BUCKET ELEVATOR



DRAG PADDLE CONVEYOR

Inclined



Overhead



Underbin





Portable Conveyors

Portable Style Conveyors bring together mobility and performance, ensuring uninterrupted dry fertilizer operations, even in remote locations.



“Top Shot” Lime Loader Conveyor

Heavy-duty, versatile conveyor designed to handle dry fertilizer, lime, and other aggregates such as sand, rock, and gravel.



Portable Tri-Roll Conveyor

Portable conveyor designed to transfer bulk fertilizer into buildings to fill bins or other storage.



Field Loader Conveyor

Mobile self-contained conveyor that features a low-profile hopper for easy loading and a hydraulic-driven, steerable drive wheel for precise positioning.



Undercar Conveyor

Portable belt or webb-chain conveyor positioned beneath a trailer or railcar to unload bulk fertilizer.

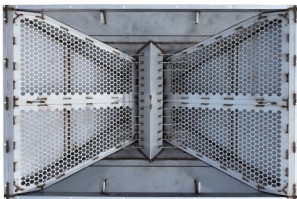


Material Conditioners

Doyle's dedication to precision and performance is exemplified in our Material Conditioners, designed to break lumps of fertilizer for blending and conveying or restore material to its granular state for other applications. Our range includes vertical blender conditioners, free-standing conditioners, and hopper conditioners, all built with either a 3/4" or 2" bypass screen to ensure high material output. Engineered for durability and reliability, these conditioners are essential for optimizing operational efficiency in diverse environments.

Material conditioners can be seamlessly integrated into Automated Blend Systems, such as the Autobatch™ or Declining Weight systems, and can also be used in standalone applications for batch conditioning and blending.

Hopper Conditioner
5, 6, 8, 10, 13, 16-Ton



2-Ton Free-Standing
Conditioner



Vertical Blender
Conditioner



Lump Breaker
Material Conditioner



Rotating conditioning bars break lumps of material by crushing them, while free-flowing material passes directly through the screen holes.

Auger flighting ensures efficient material flow by directing material towards the center of the lump breaker, reducing buildup around the bearings.





Engineering & New Facility Construction

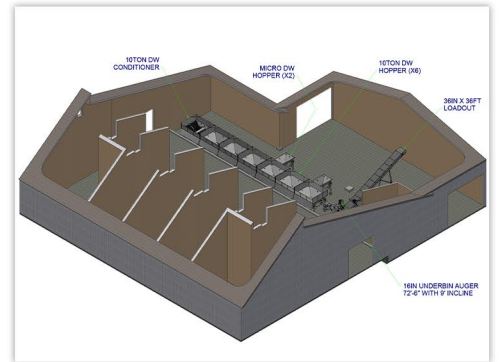
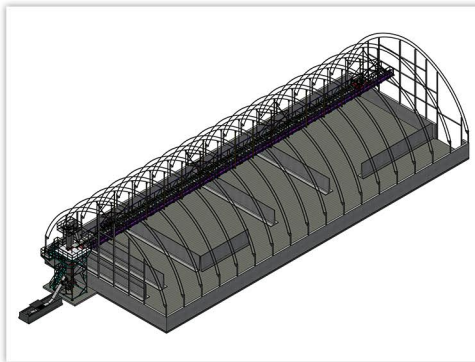
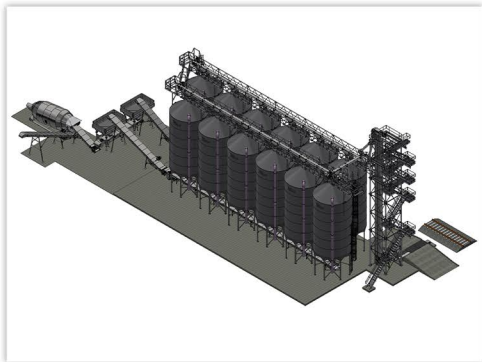
Proven Engineering for New Facility Construction

With over seven decades of experience, Doyle delivers high-quality, custom-engineered solutions for new facility construction. From early concept layouts and 3D modeling to final equipment integration, Doyle works closely with construction and automation partners to ensure systems are designed around material flow, performance, and long-term operation.



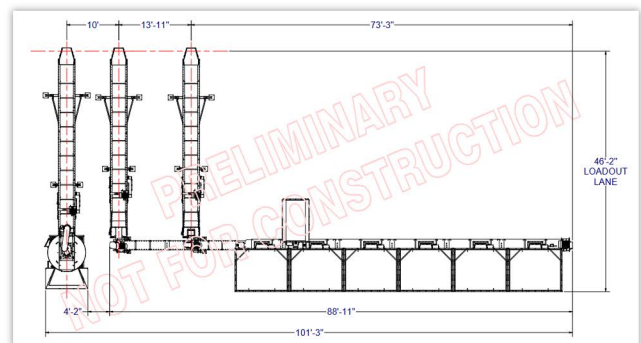
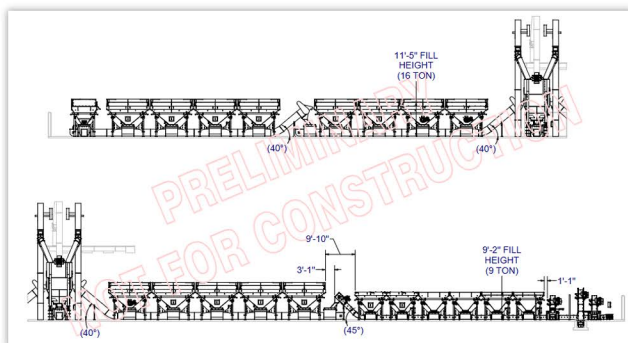
Coordinated Design from Concept to Startup

Through detailed coordination during design and installation, Doyle helps ensure equipment layouts, functionality, and system performance align with each operation's specific goals—from initial planning through startup.



Modular Systems Designed for Growth

Doyle systems are engineered with a modular approach, allowing facilities to expand and adapt as operational needs evolve. Equipment layouts and system components are designed to accommodate future capacity increases, product lines, or process changes—helping protect the initial investment while supporting long-term growth.





Tenders

Doyle, a world-renowned leader in material handling, provides trailer and truck-mounted fertilizer tenders with unloading options including rear, side, and overhead configurations. Available in sizes from 8-FT to 32-FT, Doyle Tenders are designed with a modular bolt-on approach for easy repairs and maintenance, ensuring durability and reliability. Built with precision to guarantee quality, consistency, and safety, Doyle tenders offer an array of options to meet diverse operational needs.

TRAILER-MOUNT



REAR UNLOAD
24-FT



REAR UNLOAD
2 BIN 24-FT



REAR UNLOAD
10 & 16-FT



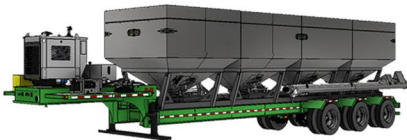
SIDE UNLOAD
16, 24-FT



SIDE UNLOAD
2 BIN 24-FT



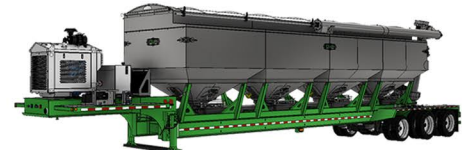
SIDE UNLOAD
8-FT



SIDE UNLOAD
32-FT



OVERHEAD UNLOAD
16, 24-FT



OVERHEAD UNLOAD
32-FT

TRUCK-MOUNT



OVERHEAD UNLOAD
16 & 24-FT



SIDE UNLOAD
16 & 24-FT



REAR UNLOAD
10 & 16-FT

Doyle Tenders are built with a Modular,
Bolt-On Design, for Easy Repairs & Maintenance.



Spreaders

Recognized for innovation and quality, Doyle delivers heavy-duty spreaders designed to handle projects of all sizes with versatility and durability. Available in capacities ranging from 1.5 to 10 tons, Doyle Spreaders are built with a modular, bolt-on design for easy repairs and maintenance, ensuring long-term reliability.

With drive options including All Ground Wheel Drive, PTO, and Hydraulic (PTT - Plug to Tractor), Doyle Spreaders provide flexibility to meet diverse operational requirements. Engineered with precision to deliver quality, consistency, and performance, Doyle Spreaders are the trusted choice for efficient and dependable fertilizer application.



Orchard 1.5-Ton



2-Ton



5-Ton



6-Ton



Narrow Track 6-Ton



Lime & Fertilizer 5, 8-Ton



8-Ton



Mid-Clearance 5-Ton



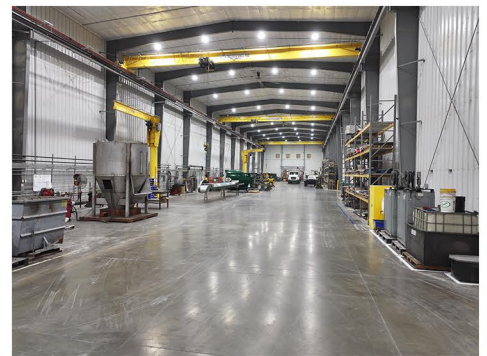
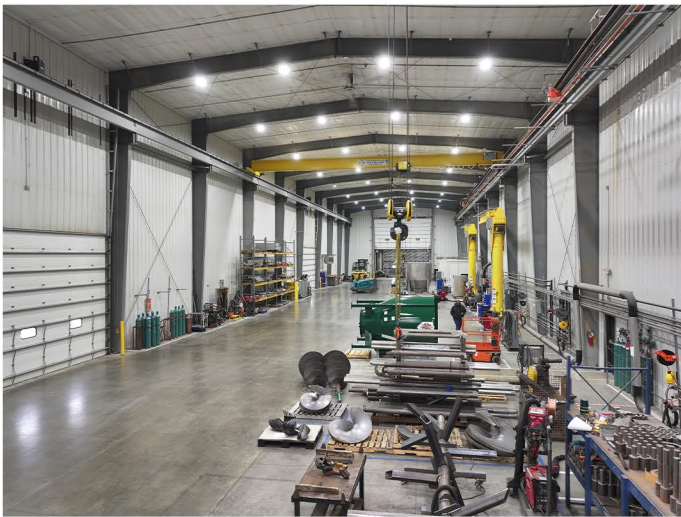
Row Crop 8, 10-Ton

Doyle Spreaders are built with a Modular,
Bolt-On Design, for Easy Repairs & Maintenance.



Reconditioned Equipment

Why consider reconditioned equipment? It offers an alternative for businesses seeking cost-effective solutions without sacrificing quality. All reconditioned equipment is restored to like-new condition, featuring entirely new components and hardware, and includes a full new warranty for peace of mind. A secondary blender can serve as a dependable backup if the main blending system breaks down—a critical safeguard in corrosive environments where breakdowns are not uncommon. Additionally, specialty products, such as grass pasture blends requiring specific herbicides, can be processed separately from the main blending plant to preserve product integrity. For smaller operations or those just starting with blending, reconditioned equipment provides substantial cost savings while ensuring excellent performance, with all components being new, reliable, and fully warranted.



Unbeatable prices, quality, and reliable equipment.



Service

At Doyle, we are committed to more than just manufacturing high-quality equipment; we ensure it continues to perform at its best. Our expert Service Department provides comprehensive support, offering both on-site servicing at our facility and over-the-road mobile services. We recognize the importance of timely assistance and take pride in being the reliable partner you can count on when time is of the essence. With Doyle, you'll experience minimal downtime and maximum productivity. Trust us to keep your equipment running smoothly, so you can focus on what you do best.

Mobile Service Fleet



On Site Shop Services

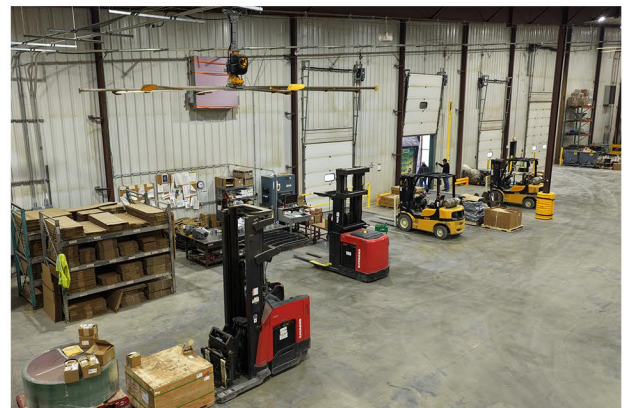
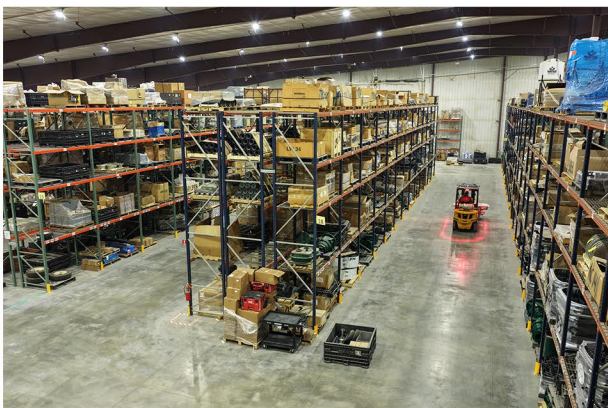


Transportation Services



Parts

Our Parts Department is dedicated to keeping your operations running smoothly, 24/7. We understand the critical need for timely access to parts, which is why we offer same-day shipping on all in-stock inventory. Our commitment to customer care means you can rely on us to provide the right parts whenever you need them. With a vast inventory of parts and assembled components, we are always prepared to meet your needs and ensure your equipment stays in optimal condition.





Gallery



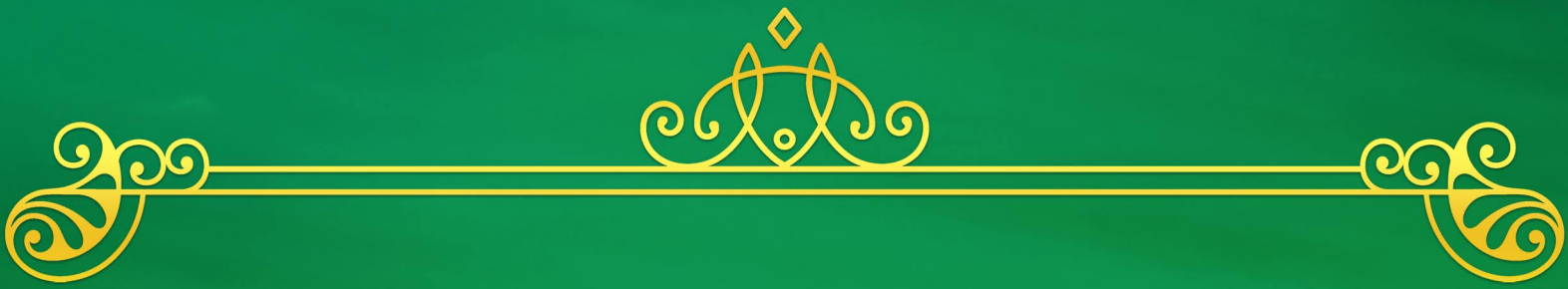
DEPEND ON DOYLE



Your Success, Our Commitment

As a four-generation family-owned and operated enterprise, Doyle blends our farming heritage with industry expertise. We trust our own equipment on our farm, a testament to the reliable and productive solutions we offer. Our legacy of over seven decades in the industry enables us to navigate your toughest challenges, providing superior solutions that enhance your operation. Choosing Doyle means joining a family committed to your success.





QUALITY. SERVICE. DEPENDABILITY.

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